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No. 36.—JANUARY, 1906

DEPARTMENT OF THE INTERIOR  
BUREAU OF GOVERNMENT LABORATORIES

# A HAND-LIST OF THE BIRDS OF THE PHILIPPINE ISLANDS

BY

RICHARD C. MCGREGOR

AND

DEAN C. WORCESTER

MANILA  
BUREAU OF PRINTING  
1906

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## ERRATA.

- Page 4. In line 14 for *loriculus* read *Loriculus*.  
Page 13. For **STREPOPELIA** read **STREPTOPELIA**.  
Page 14. In line 4 for *humulis* read *humilis*.  
Page 67. In lines 24 and 35 of footnote for Clark read Clarke.  
Page 67. In last line of footnote for this read the former.  
Page 101. For **LIMONDROMUS** read **LIMONIDROMUS**.





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## INTRODUCTION

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The appearance of the first volume of Dr. R. B. Sharpe's admirable "Hand-List of Birds" suggested to me the desirability of preparing a list, similar in form, of the birds of the Philippine Islands. The need of such a list was especially great in view of the fact that among the Americans scattered through every province of the Philippine Archipelago there were a number of members of the American Ornithologists's Union who were attempting to take up the study of Philippine birds, as well as numerous amateur ornithologists, whose attention was attracted by the unusual opportunities for ornithological work and who desired to identify the birds to be found in the vicinity of their several stations.

While the necessary literature for the identification of the known species of Philippine birds is on file in the general scientific library of the Bureau of Government Laboratories, its use by persons unfamiliar with Philippine ornithology is naturally attended with some practical difficulties. It therefore seemed to me highly desirable that there should be prepared a hand-list giving references to descriptions of all species known to inhabit the Philippines and stating accurately the known distribution of each species within the Archipelago. I began work upon such a list four years ago, but manifold official duties prevented rapid progress.

When the services of Mr. Richard C. McGregor were secured as collector of natural-history specimens this work, which had then been little more than begun, was turned over to him, as was an unpublished manuscript prepared by Dr. Frank S. Bourns and myself, from which it was hoped that he would be able to derive information of value. It is only fair to Mr. McGregor to say that from that time until August 15, 1905, on which date he left for a well-earned rest in the United States, most of the work upon the Hand-List was performed by him. My own subsequent connection with it has been confined to consultation with him on doubtful points and to the final editing of the manuscript. As some of the footnotes were written by Mr. McGregor prior to his departure and others which he has had no opportunity to see have been subsequently written by me, I have deemed it desirable to give, in each instance, the authorship of the footnotes.

It has been our purpose to include all species which are known to

inhabit the geographical area known as the Philippine Islands, as fixed by the treaty of Paris and the supplementary purchase of islands by the United States Government. The species of the Palawan Islands (Balabac, Palawan, Calamianes, and Cuyos groups) have accordingly been included.

The Distribution List of Philippine Birds prepared by Dr. Frank S. Bourns and myself (Proceedings of the United States National Museum, Vol. XX, pp. 549-566, 1898) enumerated 243 genera and 596 species for this same area. The work of Mr. John Whitehead, Dr. Edgar A. Mearns, Mr. Walter Goodfellow, Mr. John Waterstradt, and of Mr. McGregor and his Filipino assistants, together with such fragmentary work as I myself have been able to carry on in connection with official trips through the Islands, has raised this total to 284 genera, 691 identified species, and two species (*Oceanodroma* sp. and *loriculus* sp.) not identified. Some knowledge has been gained of the avifauna of the Islands of Ticao, Lubang, Cagayancillo, Agutaya, Calayan, Cresta de Gallo, Maestro de Campo, Semirara, East Balud, West Balud, and Sibay, the birds of which were heretofore entirely unknown.

The highlands of Mindanao have yielded a number of most interesting new genera and species, and additional knowledge has been gained relative to the birds of Luzon, Mindoro, Masbate, Negros, Samar, Cuyo, Culion, Cagayan-Sulu, Fuga, Romblon, and Sibuyan.

From the information now available we may deduce the following conclusions relative to the zoölogical relationships of these several islands:

Ticao belongs with the central group (Panay, Guimaras, Negros, and Masbate) rather than with Luzon.

Lubang must be considered a detached fragment of Luzon, as it has a number of characteristic Luzon species and entirely lacks those which are especially characteristic of Mindoro. One species (*Aethopyga rubrinota* McGregor) is, so far as we at present know, confined to this island.

On Cagayancillo is found *Cinnyris aurora*, but no other of the characteristic Palawan forms are known to exist there, while the occurrence of such species as *Centropus viridis*, *Hypotaenidia torquata*, *Rallina euryzonoides*, *Limnoblecanus fuscus*, and *Hierococcyx fugax*, and the conspicuous absence of many of the species which are most common on the neighboring islands, lead to the conclusion that Cagayancillo is an oceanic island of recent formation and that its bird population is composed of the descendants of stragglers, most of which have probably come in from Negros or Mindanao, although *C. aurora* is evidently a wanderer from Cuyo or Palawan.

Agutaya belongs to the Palawan group.

Calayan has a strong Formosan element. Probably it will ultimately prove that the Batanes and Babuyan Islands form a group by themselves.

Semirara belongs with Mindoro.



The islands may therefore be divided into zoologically distinct groups as follows:

(1) The Palawan group, consisting of Palawan and the small islands adjacent to it, Balabac, Cagayan Sulu, and the Cuyos and Calamianes Islands. The birds of this group show a very strong Bornean element. The line of demarcation between the Philippines, zoologically speaking, and the Palawan Islands passes between Sibutu and the coast of Borneo and extends thence northward through the Sulu Sea east of the Cuyos group and through Mindoro Strait.

(2) The central Philippines, comprising the Islands of Negros, Panay, Guimaras, Masbate, and Ticao. They form a well-defined natural group, although in the case of Masbate and Ticao there are indications of immigration from Luzon.

(3) Mindoro and some of the islands immediately adjacent to it, including Semerara and doubtless also Ylin.

(4) Luzon, Catanduanes, Marinduque, and Lubang.

(5) Samar, Leyte, and Bohol. The *Loriculus* on Bohol proves to be *Loriculus worcesteri* and not *Loriculus apicalis*, while the presence of *Orthotomus frontalis* and *Phabotrerom brevirostris* among birds and of *Galeopithecus philippinensis* and *Tarsius spectrum* among mammals points unequivocally to the closest zoological relationship between Bohol and Leyte.

(6) Mindanao and the islands immediately adjacent to it form a group by themselves.

(7) Basilan must be separated from Mindanao on account of the fact that it has a number of representative forms of Mindanao species and lacks a number of species characteristic of Mindanao.

(8) Bongao, Tawi Tawi, Lapac, Siasi, and Sulu form a well-marked natural group, to which Sibutu must probably be added.

(9) Tablas, Romblon, and Sibuyan show no evidence of having been connected with any of the neighboring larger islands. They have a number of peculiar species of birds, and Tablas and Romblon should probably be classed together.

(10) Cebu can not be regarded as one of the central Philippine group, but must be classed by itself.

(11) The Batanes Islands have a strong Formosan element among their birds. It remains to be seen whether the Babuyan Islands must be grouped with them or must be considered as detached fragments of northern Luzon.

(12) Siquijor, Cagayancillo, and Cresta de Gallo are islands of recent origin, and their bird faunæ have been derived from stragglers from neighboring islands.

While these several groups are by no means zoologically equivalent, each has its highly characteristic species and forms a fairly natural division.

In preparing the Hand-List no species has been recorded definitely from any island except upon authority believed to be unimpeachable. Where doubt exists as to the occurrence of a given species on any island the fact is indicated by an interrogation point placed after the name of such island. Several species for which no specific habitat within the Archipelago can be assigned have been included, upon the authority of the "Hand-List of Birds," in the belief that so eminent an authority as Dr. Sharpe would not have recorded them as occurring in the Philippines without sufficient evidence. On the other hand, a number of the Philippine species included in Sharpe's Hand-List have been excluded for reasons stated at the proper places in the text.

To and including the Family *Certhiidae* the sequence of families is that of Sharpe's Hand-List, Volumes I to IV; for the succeeding families we have followed the scheme proposed by Dr. R. V. Shufeldt in the American Naturalist, XXXVIII, pages 856-857. Thanks are due to Dr. Charles W. Richmond for suggested corrections in the nomenclature of various genera and species. Dr. Edgar A. Mearns has kindly furnished a MS. list of new localities for a number of species based upon his collections from Mindanao and neighboring islands.

The work of the collectors regularly employed by the Insular Government, as well as that of residents of the Islands and of collectors representing scientific institutions of other countries, will doubtless make frequent additions and corrections necessary if this Hand-List is to be kept up to date. Supplemental pages containing addenda will be published from time to time until sufficient matter has been accumulated to justify the revision of the entire list.

It is hoped that students of Philippine ornithology will aid us, not only by calling attention to any errors which they may note in this list but by communicating authentic facts relative to the occurrence in the Philippines of species not included in it, and to the recording from any new islands in the Archipelago of species already known to inhabit the Philippines. Due credit will be given to all persons furnishing such information.

Attention is invited to the fact that the ornithological books and papers in the general scientific library of the Bureau of Government Laboratories<sup>1</sup> and the bird collection of some 6,000 carefully identified specimens may be used, under reasonable restrictions, by any properly accredited person.

DEAN C. WORCESTER.

MANILA, P. I., September 9, 1905.

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<sup>1</sup>The Bureau of Government Laboratories, after November 1, 1905, will be known as the Bureau of Science.



# Class AVES.

## Subclass CARINATÆ.

### Order GALLIFORMES.

#### Suborder MEGAPODII.

#### Family MEGAPODIIDÆ.

#### MEGAPODIUS Q. & G.

(Grant, Cat. Bds., XXII, p. 446.  
1893.)

*cumingi* Dillw. (p. 449.)

Celebean Islands  
Islands of northwestern Borneo

|                 |           |
|-----------------|-----------|
| Balabac         | Mindoro   |
| Basilan         | Palawan   |
| Cagayanello     | Romblon   |
| Calayan         | Samar     |
| Cebu            | Sibutu    |
| Cresta de Gallo | Sibuyan   |
| Fuga            | Sulu      |
| Luzon           | Tablas    |
| Marinduque      | Tawi Tawi |
| Mindanao        | Ticao     |

#### Suborder PHASIANI.

#### Family PHASIANIDÆ.

#### EXCALFACTORIA Bp.

(Grant, Cat. Bds., XXII, p. 249,  
1893.)

*lineata* (Scop.). (p. 253.)

Borneo  
Sumatra

Java  
Australia

|            |         |
|------------|---------|
| Calamianes | Negros  |
| Cebu       | Palawan |
| Lubang     | Panay   |
| Luzon      | Samar   |
| Masbate    | Sibuyan |
| Mindanao   | Sulu    |
| Mindoro    | Ticao   |

**GALLUS** *Briss.*

(Grant, Cat. Bds., XXII, p. 343,  
1893.)

*gallus* (*Linn.*). (p. 344.)

Malay Peninsula  
Indian Peninsula  
Indo-Malayan Islands  
Indo-Chinese countries

|            |          |
|------------|----------|
| Balabac    | Mindanao |
| Basilan    | Mindoro  |
| Bongao     | Negros   |
| Calamianes | Palawan  |
| Calayan    | Panay    |
| Cebu       | Romblon  |
| Fuga       | Samar    |
| Guimaras   | Sibuyan  |
| Lubang     | Siquijor |
| Luzon      | Sulu     |
| Marinduque | Tablas   |
| Masbate    | Ticao    |

**POLYPLECTRON** *Temm.*

(Grant, Cat. Bds., XXII, p. 353,  
1893.)

*napoleonis* *Less.* (p. 361.)  
[*nehrkornæ* Blasius.]

Palawan

## Order HEMIPODII.

## Family TURNICIDÆ.

**TURNIX** *Bonn.*

(Grant, Cat. Bds., XXII, p. 526,  
1893.)

*fasciata* (*Temm.*). (p. 535.)

|            |         |
|------------|---------|
| Calamianes | Negros  |
| Cebu       | Palawan |
| Luzon      | Panay   |
| Masbate    | Sibuyan |
| Mindoro    |         |

*ocellata* (*Scop.*). (p. 548.)

Luzon

*whiteheadi* *Grant*, Hand-Book Game Birds, Luzon  
II, p. 276 (1896).

*worcesteri* *McGregor*, Bull. Phil. Mus., No. 4, Luzon  
p. 8 (1904).

*suluensis* *Mearns*, Proc. Biol. Soc. Wash., Sulu  
XVIII, p. 83 (1905).



## Order COLUMBIFORMES.

## Suborder COLUMBÆ.

## Family TRERONIDÆ.

## Subfamily TRERONINÆ.

**SPHENOCERCUS** *Gray.*(Salvadori, Cat. Bds., XXI, p. 4,  
1893.)*formosæ* (*Swinh.*). (p. 13.)

Mountains of Formosa

Calayan

**TRERON** *Vieill.*(Salvadori, Cat. Bds., XXI, p. 33,  
1893.)*nipalensis* (*Hodgs.*). (p. 34.)Nepal to Burma  
Malay Peninsula  
Eastern Bengal Sumatra  
Siam Borneo  
Tenasserim Cochin China

Mindoro

Palawan

**OSMOTRERON** *Bp.*(Salvadori, Cat. Bds., XXI, p. 38,  
1893.)*axillaris* (*Bp.*). (p. 48.)Basilan Negros  
Catanduanes Panay  
Cebu Romblon  
Dinagat Samar  
Gulmaras Semirara  
Lubang Siquijor  
Luzon Tawi Tawi  
Masbate Ticao  
Mindanao Verde  
Mindoro*everetti* *Rothschild*, Nov. Zool., I, p. 41  
(1894).Bongao Sulu  
Sibutu*vernans* (*Linn.*). (p. 60.)Celebes  
Malay Peninsula  
Indo-Malayan Islands  
Indo-Chinese provincesBasilan Mindoro  
Bohol Negros  
Bongao Palawan  
Calamianes Panay  
Cebu Siasi  
Guimaras Sibutu  
Luzon Siquijor  
Masbate Sulu  
Mindanao

**PHAPITRERON Bp.**

(Salvadori, Cat. Bds., XXI, p. 66,  
1893.)

|  |                                       |                                     |
|--|---------------------------------------|-------------------------------------|
| <b>amethystina Bp.</b> (p. 66.)  | Dinagat<br>Leyte<br>Luzon             | Mindanao<br>Panaon<br>Samar         |
| <b>cinereiceps Bourns &amp; Worcester</b> , Occ. Papers<br>Minnesota Acad., I, No. 1, p. 8 (1894). | Tawi Tawi                             |                                     |
| <b>brunneiceps Bourns &amp; Worcester</b> , t. c., p. 9.   | Basilan                               |                                     |
| <b>frontalis Bourns &amp; Worcester</b> , t. c., p. 10.  | Cebu                                  |                                     |
| <b>maculipectus Bourns &amp; Worcester</b> , t. c., p. 10.   | Negros                                |                                     |
| <b>leucotis (Temm.)</b> . (p. 67.)   | Catanduanes<br>Lubang                 | Luzon<br>Mindoro                    |
| <b>occipitalis Salvad.</b> (p. 68.)  | Basilan                               |                                     |
| <b>nigrorum Sharpe</b> . (p. 68.)  | Cebu<br>Guimaras<br>Masbate<br>Negros | Panay<br>Sibuyan<br>Tablas<br>Ticao |
| <b>brevirostris Tweed.</b> (p. 69.)  | Bohol<br>Dinagat<br>Leyte<br>Mindanao | Samar<br>Siquijor<br>Sulu           |

Subfamily **PTILOPODINÆ**.**LEUCOTRERON Bp.**

(Salvadori, Cat. Bds., XXI, p. 71,  
1893.)

|                                     |   |   |
|-------------------------------------|---|---|
| <b>occipitalis Bp.</b> (p. 72.)     | Basilan<br>Cebu<br>Leyte<br>Luzon<br>Mindanao   | Mindoro<br>Negros<br>Samar<br>Sibuyan   |
| <b>marchei (Oust.)</b> . (p. 75.)   | Luzon   |   |
| <b>leclancheri (Bp.)</b> . (p. 79.) | Cagayancillo<br>Calamianes<br>Calayan<br>Catanduanes<br>Cebu<br>Guimaras<br>Lubang<br>Luzon | Mindoro<br>Negros<br>Palawan<br>Romblon<br>Samar<br>Semirara<br>Sibuyan<br>Tablas |



**LAMPROTRERON** *Bp.*(Salvadori, Cat. Bds., XXI, p. 112,  
1893.)**temmincki** (*Des Murs & Prév.*). (p. 115.) Celebes  
Sulu**SPILOTRERON** *Salvad.*(Salvadori, Cat. Bds., XXI, p. 141,  
1893.)**bangueyensis** (*A. B. Meyer*). (p. 143.) Banguey  
Basilan Palawan  
Bongao Sibutu  
Cagayan Sulu Sulu  
Mindanao Tawi TawiSubfamily **CARPOPHAGINÆ.****MUSCADIVORA** *Schlegel.*(*Carpophaga* Selby; Salvadori, Cat.  
Bds., XX, p. 181, 1893.)**nuchalis** (*Cab.*). (p. 190.) Calayan Mindanao  
Fuga Mindoro  
Luzon**ænea** (*Linn.*). (p. 190.) Indian Peninsula  
Ceylon  
Indo-Chinese countries  
Malay Peninsula  
Sunda Islands  
Balabac Mindoro  
Basilan Negros  
Bongao Palawan  
Calamianes Panay  
Catanduanes Samar  
Cebu Semirara  
Dinagat Sibutu  
Gulmaras Sibuyan  
Leyte Siquiljor  
Lubang Sulu  
Luzon Tablas  
Marinduque Tawi Tawi  
Masbate Ticao  
Mindanao Verde**pickeringi** (*Cass.*) (p. 201.) Mantanani Islands  
Lawas River, northwest BorneoCagayancillo Sibutu  
Cagayan Sulu Sulu**langhornei** *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 84 (1905). East Bolod  
West Bolod

**PTILOCOLPA Bp.**

(Salvadori, Cat. Bds., XXI, p. 205,  
1893.)

**carola Bp.** (p. 206.)

[*griseipectus* Bp. = ♂ ; Cf. Grant, Ibis,  
1895, p. 117; also Whitehead, Ibis,  
1899, p. 489.]

Luzon  
Mindoro  
Mindanao  
Sibuyan

**nigrorum Whitehead**, Bull. B. O. C., VI, p.  
34 (1897). Negros

**ZONOPHAPS Salvad.**

(Salvadori, Cat. Bds., XXI, p. 207,  
1893.)

**poliocephala (Hartl.)**. (p. 209 )

|          |           |
|----------|-----------|
| Basilan  | Mindoro   |
| Cebu     | Negros    |
| Dinagat  | Panay     |
| Leyte    | Samar     |
| Luzon    | Sibuyan   |
| Masbate  | Tawi Tawi |
| Mindanao |           |

**mindorensis (Whitehead)**, Ann. & Mag. Nat.  
Hist., (6) p. 189 (1896). Fig., Grant,  
Ibis, 1896, pl. xi. Mindoro

**MYRISTICIVORA Reichenb.**

(Salvadori, Cat. Bds., XXI, p. 227,  
1893.)

**bicolor (Scop.)**. (p. 227.)

|                      |              |
|----------------------|--------------|
| Andamans             | Nicobars     |
| Malay Peninsula      |              |
| Indo-Malayan Islands |              |
| Moluccas             |              |
| Tenimber Islands     |              |
| Siam                 | Cochin China |
| <hr/>                |              |
| Balabac              | Negros       |
| Bohol                | Nipa         |
| Bongao               | Palawan      |
| Cresta de Gallo      | Sakuijok     |
| Guimaras             | Samar        |
| Leyte                | Sibay        |
| Malanipa             | Siquijor     |
| Marinduque           | Sulu         |
| Masbate              | Tawi Tawi    |
| Mindanao             | Ticao        |
| Mindoro              | West Bolod   |



Family **COLUMBIDÆ**.Subfamily **COLUMBINÆ**.**COLUMBA** Linn.

(Salvadori, Cat. Bds., XXI, p. 241,  
1893.)

*griseigularis* (Wald. & Layard). (p. 313.)

## Northern Borneo

|              |            |
|--------------|------------|
| Basilan      | Mindoro    |
| Cagayan Sulu | Negros     |
| Calayan      | Romblon    |
| Guimaras     | Sibutu     |
| Lubang       | Sibuyan    |
| Luzon        | Sulu       |
| Mindanao     | West Bolod |

Subfamily **MACROPYGIINÆ**.**MACROPYGIA** Swains.

(Salvadori, Cat. Bds., XXI, p. 335,  
1893.)

*tenuirostris* Bp. (p. 346.)

|            |           |
|------------|-----------|
| Balabac    | Mindoro   |
| Basilan    | Negros    |
| Bongao     | Palawan   |
| Leyte      | Romblon   |
| Luzon      | Sibutu    |
| Marinduque | Sibuyan   |
| Masbate    | Sulu      |
| Mindanao   | Tawi Tawi |

*phæa* McGregor, Bull. Philippine Mus., No. 4, Calayan  
p. 9, 1904.

Family **PERISTERIDÆ**.Subfamily **TURTURINÆ**.**STREPOPELIA** Bp.

(Salvadori, Cat. Bds., XXI, p. 413,  
1893.)

*dussumieri* (Temm.). (p. 423.)

Northern Borneo  
Marianne Islands

|                  |           |
|------------------|-----------|
| Agutaya          | Mindoro   |
| Basilan          | Negros    |
| Bohol            | Palawan   |
| Cagayancillo     | Panay     |
| Calayan          | Romblon   |
| Calamianes       | Samar     |
| Catanduanes      | Semirara  |
| Cebu             | Siasi     |
| Cuyo             | Sibay     |
| Guimaras         | Sibutu    |
| Leyte            | Sibuyan   |
| Lubang           | Siquijor  |
| Luzon            | Sulu      |
| Maestro de Campo | Tablas    |
| Marinduque       | Tawi Tawi |
| Masbate          | Ticao     |
| Mindanao         | Verde     |

**ONOPOPELIA** *Blanf.*

(Blanf., Faun. Brit. Ind., Birds, IV,  
p. 47, 1898.)

*humulis* (*Temm.*). (Salvad., Cat. Bds.,  
XXI, p. 434.)

|                        |         |
|------------------------|---------|
| Andamaus               |         |
| Eastern Bengal         |         |
| Indo-Chinese countries |         |
| China                  | Japan   |
| Calayan                | Luzon   |
| Lubang                 | Mindoro |

**SPILOPELIA** *Sunder.*

(Salvadori, Cat. Bds., XXI, p. 439,  
1893.)

*tigrina* (*Temm. & Knip.*). (p. 440.)

|                          |          |
|--------------------------|----------|
| Burma                    |          |
| Malay Peninsula          |          |
| Greater and Lesser Sunda |          |
| Islands                  |          |
| Celebes                  | Moluccas |
| Balabac                  | Palawan  |

Subfamily **GEOPELIINÆ.**

**GEOPELIA** *Swains.*

(Salvadori, Cat. Bds., XXI, p. 455,  
1893.)

*striata* (*Linn.*). (p. 458.)

|                          |         |
|--------------------------|---------|
| Siam                     |         |
| Southern Tenasserim      |         |
| Malay Peninsula          |         |
| Greater and Lesser Sunda |         |
| Islands                  |         |
| Celebes                  | Ambolna |
| Lubang                   | Samar   |
| Luzon                    | Verde   |
| Mindoro                  |         |

Subfamily **PHABINÆ.**

**CHALCOPHAPS** *Gould.*

(Salvadori, Cat. Bds., XXI, p. 510,  
1893.)

*indica* (*Linn.*). (p. 514.)

|                        |            |
|------------------------|------------|
| Indian Peninsula       |            |
| Nicobars               |            |
| Indo-Chinese countries |            |
| Malay Peninsula        |            |
| Sunda Islands          | New Guinea |
| Celebes                | Moluccas   |
| Ceylon                 | Andamans   |
| Basilan                | Negros     |
| Cagayancillo           | Palawan    |
| Calamianes             | Panay      |
| Calayan                | Romblon    |
| Cebu                   | Samar      |
| Cuyo                   | Sibuyan    |
| Gulmaras               | Siquiljor  |
| Lubang                 | Sulu       |
| Luzon                  | Tablas     |
| Marinduque             | Tawi Tawi  |
| Masbate                | Ticao      |
| Mindanao               | Verde      |
| Mindoro                |            |



Subfamily **GEOTRYGONINÆ**.**PHLOGENAS** *Reichenb.*(Salvadori, Cat. Bds., XXI, p. 583,  
1893.)

|  |                              |                             |
|--|------------------------------|-----------------------------|
| <i>luzonica</i> ( <i>Scop.</i> ). (p. 585.)  | Luzon                        |                             |
| <i>crinigera</i> ( <i>Jacq. &amp; Pucher.</i> ). (p. 587.)   | Basilan<br>Leyte<br>Mindanao | Samar<br>Sulu? <sup>1</sup> |
| <i>keayi</i> <i>Clarke</i> , Ibis, 1900, p. 359.   | Negros                       |                             |
| <i>menagei</i> <i>Bourns &amp; Worcester</i> , Occ. Papers<br>Minnesota Acad., I, No. 1, p. 10 (1894). | Tawi Tawi                    |                             |
| <i>platenæ</i> <i>Hartert.</i> (p. 588.)   | Mindoro                      |                             |

Subfamily **CALCENADINÆ**.**CALCENAS** *Gray.*(Salvadori, Cat. Bds., XXI, p. 614,  
1893.)

|   |  |                             |
|---|--|-----------------------------|
| <i>nicobarica</i> ( <i>Linn.</i> ). (p. 615.) | Nicobar Islands<br>Mergul Archipelago<br>Greater Sunda Islands<br>Bismarck Archipelago<br>Moluccas to New Guinea |                             |
|   | Luzon<br>Mindoro<br>Negros<br>Palawan  | Sibutu<br>Sulu<br>Tawi Tawi |

Order **RALLIFORMES**.Family **RALLIDÆ**.Subfamily **RALLINÆ**.**HYPOTÆNIDIA** *Reichenb.*(Sharpe, Cat. Bds., XXIII p. 32,  
1894.)

|   |  |  |
|---|--|--|
| <i>striata</i> ( <i>Linn.</i> ). (p. 33.) | Southern India<br>Formosa<br>Malay Peninsula<br>Indo-Malayan Islands<br>Burmese countries to China | Ceylon<br>Celebes  |
|   | Calamianes<br>Cebu<br>Guimaras<br>Leyte<br>Luzon<br>Mindanao<br>Mindoro                            | Negros<br>Panay<br>Samar<br>Sibuyan<br>Siquilfor<br>Sulu |

<sup>1</sup> See *Pucher. & Jacq., Voy. Pôle Sud. III, Ois.*, p. 18 (1853). *P. crinigera* was not met with in Sulu by Platen or by Dr. Bourns and myself.—WORCESTER.

**philippinensis** (*Linn.*). (p. 39.)

Pacific Islands  
Australia      New Zealand  
Entire Malayan Archipelago

---

Luzon

**torquata** (*Linn.*). (p. 43.)

|              |          |
|--------------|----------|
| Bongao       | Mindanao |
| Cagayancillo | Mindoro  |
| Catanduanes  | Negros   |
| Cebu         | Panay    |
| Dinagat      | Romblon  |
| Guimaras     | Samar    |
| Leyte        | Sibuyan  |
| Luzon        | Siquijor |
| Marinduque   | Ticao    |
| Masbate      | Verde    |

**RALLINA** *Reichenb.*

(Sharpe, Cat. Bds., XXIII, p. 74,  
1894.)

**fasciata** (*Raffl.*). (p. 75.)

Burmese provinces  
Malay Peninsula  
Indo-Malayan Islands  
Halmahéra      Pelew Islands

---

Balabac      Palawan

**euryzonoides** (*Laf.*). (p. 78.)

|              |         |
|--------------|---------|
| Cagayancillo | Mindoro |
| Cebu         | Negros  |
| Leyte        | Panay   |
| Luzon        | Sulu    |
| Mindanao     |         |

**PORZANA** *V.*

(Sharpe, Cat. Bds., XXIII, p. 92,  
1894.)

**pusilla** *Pall.* (*Cf.* Reichenb., J. f. O., 1898,  
p. 139.)

[*intermedia* (*Herm.*). (p. 103.)]

Central Europe  
East to Lake Baikal  
Africa and Madagascar (*winter*)

---

Luzon

**plumbea** *Gray.*

[*tabuensis*, pt. (pp. 111, 335.)]

New Hebrides      Australia  
New Caledonia  
New Zealand  
Chatham Islands  
Samoa Islands      Fiji Islands

---

Luzon



**POLIOLIMNAS** *Sharpe.*(Sharpe, Cat. Bds., XXIII, p. 130,  
1894.)**cinereus** (*V.*). (pp. 130, 337.)

|                                  |           |
|----------------------------------|-----------|
| Oceania                          |           |
| Malayan Peninsula                |           |
| Greater and Lesser Sunda Islands |           |
| Buru                             | Australia |
| Basilan                          | Mindanao  |
| Calayan? <sup>1</sup>            | Mindoro   |
| Cebu                             | Negros    |
| Dinagat                          | Panay     |
| Guimaras                         | Sibuyan   |
| Leyte                            | Siquijor  |
| Luzon                            | Ticao     |
| Marinduque                       |           |

**LIMNOBÆNUS** *Sundev.*(Sharpe, Cat. Bds., XXIII, p. 145,  
1894.)**fuscus** (*Linn.*). (p. 146.)

|                                      |          |
|--------------------------------------|----------|
| Indian Peninsula                     |          |
| Ceylon                               |          |
| Burmese countries to China and Japan |          |
| Malay Peninsula                      |          |
| Christmas Island                     |          |
| Java                                 | Borneo   |
| Gayayancillo                         | Mindanao |
| Leyte                                | Mindoro  |
| Luzon                                | Negros   |

**paykulli** (*Ljungb.*). (p. 149.)

|                 |        |
|-----------------|--------|
| China           |        |
| Malay Peninsula |        |
| Eastern Siberia |        |
| Java            | Borneo |
| Basilan         |        |

**AMAURONIS** *Reichenb.*(Sharpe, Cat. Bds., XXIII, p. 152,  
1894.)**olivacea** (*Meyen*). (p. 153.)

|          |          |
|----------|----------|
| Calayan  | Mindoro  |
| Cebu     | Negros   |
| Leyte    | Panay    |
| Luzon    | Samar    |
| Masbate  | Siquijor |
| Mindanao | Ticao    |

<sup>1</sup> A rail, probably *P. cinereus*, was seen but not obtained by Mr. McGregor in Calayan.—WORCESTER.

*phœnicura* (Forster). (p. 156.)

|                                  |           |
|----------------------------------|-----------|
| Celebes                          |           |
| Indian Peninsula                 |           |
| Indo-Burmese provinces           |           |
| Malay Peninsula                  |           |
| Greater and Lesser Sunda Islands |           |
| Ceylon                           | China     |
| <hr/>                            |           |
| Basilan                          | Mindoro   |
| Bongao                           | Palawan   |
| Cagayan Sulu                     | Panay     |
| Calamianes                       | Siquijor  |
| Marinduque                       | Sulu      |
| Mindanao                         | Tawi Tawi |

**GALLINULA** *Briss.*

(Sharpe, Cat. Bds., XXIII, p. 167,  
1894.)

*chloropus* (Linn.). (p. 169.)

|            |           |
|------------|-----------|
| Europe     |           |
| Asia       | Africa    |
| Madagascar | Mauritius |
| <hr/>      |           |
| Calayan    | Mindanao  |
| Cebu       | Mindoro   |
| Guimaras   | Negros    |
| Leyte      | Panay     |
| Luzon      | Samar     |

**GALLICREX** *Blyth.*

(Sharpe, Cat. Bds., XXIII, p. 183,  
1894.)

*cinerea* (Lath.). (p. 183.)

|                                      |         |
|--------------------------------------|---------|
| Ceylon                               |         |
| Burmese provinces to China and Japan |         |
| Malay Peninsula                      |         |
| Indian Peninsula                     |         |
| Greater Sunda Islands                |         |
| <hr/>                                |         |
| Catanduanes                          | Mindoro |
| Cebu                                 | Negros  |
| Luzon                                | Panay   |
| Marinduque                           | Sibuyan |
| Masbate                              | Sulu    |
| Mindanao                             | Ticao   |

**PORPHYRIO** *Briss.*

(Sharpe, Cat. Bds., XXIII, p. 192,  
1894.)

*pulverulentus* *Temm.* (p. 207.)

|          |         |
|----------|---------|
| Luzon    | Mindoro |
| Mindanao |         |



Subfamily **FULICINÆ**.**FULICA** *Linn.*

(Sharpe, Cat. Bds., XXIII, p. 209,  
1894.)

*atra* *Linn.* (p. 210.)

Europe  
Indian Peninsula  
Mediterranean countries  
Northern and central Asia  
China Celebes  
Java Sumatra

---

Luzon

Order **PODICIPEDIDIFORMES**.Family **PODICIPEDIDÆ**.**PODICIPES** *Lath.*

(Grant, Cat. Bds., XXVI, p. 502,  
1898.)

*philippinensis* (*Bonn.*). (p. 511.)

Borneo  
Southern China  
Burmese provinces  
Formosa Hainan

---

Calayan Luzon  
Guimaras Mindanao

Order **PROCELLARIIFORMES**.Family **PROCELLARIIDÆ**.Subfamily **PROCELLARIINÆ**.**OCEANODROMA** *Reichenb.*

(Salvin, Cat. Bds., XXV, p. 347,  
1896.)

*sp.* *McGregor*, Bull. Philippine Mus., No. 4, Luzon  
p. 12 (1904).

Family **PUFFINIDÆ**.Subfamily **PUFFININÆ**.**PUFFINUS** *Briss.*

(Salvin, Cat. Bds., XXV, p. 368,  
1896.)

*leucomelas* *Temm.* (p. 370.)

Japan and Korea south to Aus-  
tralia

---

Luzon

## Order LARIFORMES.

## Family LARIDÆ.

## Subfamily STERNINÆ.

**HYDROCHELIDON** *Boie.*

(Saunders, Cat. Bds., XXV, p. 5,  
1891.)

**leucoptera** (*Meisn. & Schinz*). (p. 6.)

Africa (*winter*)  
Australia New Zealand  
Central and southern Europe to  
central Asia and China

Mindanao

**hybrida** (*Pall.*). (p. 10.)

Malay Archipelago  
Australia Africa  
Southwestern central, and  
southern Europe to China

Luzon Palawan  
Mindanao Negros

**STERNA** *Linn.*

(Saunders, Cat. Bds., XXV, p. 40,  
1896.)

**fluviatilis** *Naum.* (p. 54.)

Countries on both sides of At-  
lantic Ocean  
Indian and African coasts  
(*winter*)  
Brazilian coasts (*winter*)

Calayan

**boreotis** (*Bangs*), Bull. Mus. Comp. Zool.,  
XXXVI, No. 8, 256 (1901).

Red Sea  
African and Indian Oceans to  
China, Japan, Australia, and  
the Pacific Islands.

|            |               |
|------------|---------------|
| Agutaya    | Negros        |
| Balabac    | Palawan       |
| Bohol      | Panay         |
| Calamianes | Pata off Sulu |
| Cebu       | Romblon       |
| Cuyo       | Samar         |
| Guimaras   | Sibuyan       |
| Leyte      | Siquijor      |
| Luzon      | Sulu          |
| Masbate    | Tablas        |
| Mindanao   | Tawi Tawi     |

**anæstheta** *Scop.* (p. 101.)

African and Indian seas to Chi-  
na, Japan, Moluccas, north-  
ern Australia, and Pacific  
Islands.

Gulf of Mexico Western Indies

Panay



*fuliginosa* Gm. (p. 106.)Tropical and juxtatropical seas  
of the world

---

Siquijor*sinensis* Gm. (p. 113.)Chinese and Indian seas to  
Australia

---

Mindanao Palawan  
Mindoro*melanauchen* Temm. (p. 126.)Tenasserim  
Nicobars Andamans  
Malay Peninsula  
Northern Australia  
Pacific Islands to Liu Kiu  
Islands  
Northern Mascarene Islands

---

Palawan Cresta de Gallo**ANOUS** Steph.(Saunders, Cat. Bds., XXV, p. 136,  
1896.)*stolidus* (Linn.). (p. 136.)Tropical and juxtatropical seas  
of the world

---

Cagayan Sulu PalawanSubfamily **LARINÆ**.**LARUS** Linn.(Saunders, Cat. Bds., XXV, p. 169,  
1896.)*ridibundus* Linn. (p. 207.)Europe and northern Asia  
Africa Indian Ocean  
China to Malay Archipelago  
(winter)

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Luzon Samar  
Mindanao*vegæ* Palmén. (p. 270.)Chinese coasts (winter)  
Japan and Formosa (winter)  
Bonin Islands (winter)  
Arctic Siberia  
Bering Sea

---

Luzon



## Order CHARADRIIFORMES.

## Suborder CHARADRII.

## Family CHARADRIIDÆ.

## Subfamily ARENARIINÆ.

**ARENARIA** *Briss.*

(Sharpe, Cat. Bds., XXIV, p. 91,  
1896.)

*interpres* (*Linn.*). (p. 92.)

Cosmopolitan, breeding in high  
northern latitudes

|              |          |
|--------------|----------|
| Bohol        | Masbate  |
| Cagayancillo | Mindanao |
| Cagayan Sulu | Negros   |
| Lubang       | Palawan  |
| Luzon        | Siquijor |

## Subfamily CHARADRIINÆ.

**SQUATAROLA** *Leach.*

(Sharpe, Cat. Bds., XXIV, p. 182,  
1896.)

*helvetica* (*Linn.*). (p. 182.)

Subarctic regions south to Aus-  
tralia, Cape, and South  
America (*winter*)

|          |          |
|----------|----------|
| Cuyo     | Negros   |
| Luzon    | Palawan  |
| Mindanao | Siquijor |

**CHARADRIUS** *Linn.*

(Sharpe, Cat. Bds., XXIV, p. 191,  
1896.)

*fulvus* (*Gm.*). (p. 195.)  
[*dominicus* (P. L. S. Müll.).]

Subarctic regions south to Aus-  
tralia  
New Zealand Africa  
South America (*winter*)

|            |          |
|------------|----------|
| Balabac    | Masbate  |
| Bohol      | Mindanao |
| Calamianes | Mindoro  |
| Calayan    | Negros   |
| Cebu       | Palawan  |
| Cuyo       | Sibay    |
| Fuga       | Sibuyan  |
| Leyte      | Siquijor |
| Lubang     | Sulu     |
| Luzon      | Ticao    |



**OCHTHODROMUS** *Reichenb.*

(Sharpe, Cat. Bds., XXIV, p. 209,  
1896.)

*geoffroyi* (*Wagl.*). (p. 217.)

Eastern Asia (Japan, Formosa)  
Africa, Indian Peninsula, and  
Australasia (*winter*)

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|              |               |
|--------------|---------------|
| Bohol        | Mindanao      |
| Cagayancillo | Mindoro       |
| Cuyo         | Palawan       |
| Leyte        | Panay         |
| Lubang       | Pata off Sulu |
| Luzon        | Siquijor      |
| Negros       |               |

*mongolus* (*Pall.*). (p. 223.)

Northeastern Asia  
Coasts of Berling Sea, Alaska  
China to Australasia (*winter*)

---

|              |          |
|--------------|----------|
| Bohol        | Luzon    |
| Cagayancillo | Mindanao |
| Calayan      | Negros   |
| Cuyo         | Palawan  |
| Leyte        | Ticao    |
| Lubang       |          |

*veredus* (*Gould.*). (p. 232.)

Mongolia  
China to Moluccas and Australia  
(*winter*)

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Palawan

**ÆGIALITIS** *Boie.*

(Sharpe, Cat. Bds., XXIV, p. 254,  
1896.)

*dubia* (*Scop.*). (p. 263.)

Africa (*winter*)  
Alaska to California (*casual*)  
Europe and northern Asia to  
Japan  
India and the Malay Archipelago  
(*winter*)

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|              |          |
|--------------|----------|
| Bohol        | Luzon    |
| Cagayancillo | Mindanao |
| Calayan      | Mindoro  |
| Catanduanes  | Negros   |
| Cebu         | Palawan  |
| Gulmaras     | Panay    |
| Leyte        | Sibuyan  |
| Lubang       | Tablas   |

*peroni* (*Bp.*). (p. 273.)

Greater Sunda Islands to Celebes

---

|          |          |
|----------|----------|
| Bohol    | Negros   |
| Calayan  | Palawan  |
| Fuga     | Romblon  |
| Leyte    | Sibutu   |
| Lubang   | Sibuyan  |
| Luzon    | Siquijor |
| Mindanao | Ticao    |

*alexandrina* (Linn.). (p. 275.)

Africa  
Indian Peninsula and Australia  
(winter)  
Europe and central Asia to  
China and Japan

|          |          |
|----------|----------|
| Calayan  | Panay    |
| Cuyo     | Siquijor |
| Mindanao | Ticao    |
| Palawan  |          |

Subfamily **HIMANTOPODINÆ.**

**HIMANTOPUS** Briss.

(Sharpe, Cat. Bds., XXIV, p. 309,  
1896.)

*leucocephalus* Gould. (p. 317.)

Molucca Islands  
Greater Sunda Islands  
Australia New Guinea  
Mindanao

Subfamily **TOTANINÆ.**

**NUMENIUS** Briss.

(Sharpe, Cat. Bds., XXIV, p. 340,  
1896.)

*arquata* (Linn.). (p. 341.)

|  |        |
|--|--------|
| India  | Africa |
| Europe east to Lake Baikal                       |        |
| Southern China and Malay Pen-<br>insula (winter) |        |
| Luzon  | Samar  |
| Masbate  | Ticao  |
| Palawan  |        |

*cyanopus* V. (p. 350.)

|                    |        |
|--------------------|--------|
| Japan              |        |
| Eastern Siberia    |        |
| Australia (winter) |        |
| Mindoro            | Negros |

*variegatus* (Scop.). (p. 361.)

|   |          |
|---|----------|
| Japan                                   |          |
| Eastern Siberia                         |          |
| Southern China to Australia<br>(winter) |          |
| Cagayancillo                            | Mindoro  |
| Cebu                                    | Negros   |
| Cuyo                                    | Palawan  |
| Lubang                                  | Panay    |
| Luzon                                   | Samar    |
| Malanipa                                | Siquijor |
| Mindanao                                |          |



**MESOSCOLOPAX** *Sharpe.*(Sharpe, Cat. Bds., XXIV, p. 371,  
1896.)*minutus* Gould. (p. 371.)China  
Eastern Siberia  
Corea and Mongolia  
Japan to Australia (*winter*)  

---

Marinduque Mindanao**LIMOSA** *Briss.*(Sharpe, Cat. Bds., XXIV, p. 372,  
1896.)*novæ-zealandiæ* Gray. (p. 379.)Alaska  
Eastern Siberia south to Aus-  
tralia  
New Zealand, Oceania (*winter*)  

---

Bohol Cuyo  
Negros*limosa* (Linn.). (p. 381.)Central and northern Europe  
to Valley of Ob River  
Mediterranean countries and  
northeastern Africa (*winter*)  

---

Negros Samar

**TOTANUS** *Bechst.*(Sharpe, Cat. Bds., XXIV, p. 409,  
1896.)*eurhinus* (Oberh.), Proc. U. S. N. M., XXII,  
p. 207 (1900).India Africa  
Europe and central Asia to  
eastern Siberia  
Burmese countries to Malay  
Archipelago (*winter*)  

---

Bohol Negros  
Cebu Palawan  
Cuyo Siquijor  
Mindanao**HELODROMAS** *Kaup.*(Sharpe, Cat. Bds., XXIV, p. 437,  
1896.)*ochropus* (Linn.). (p. 437.)Africa  
Europe and northern Asia  
Indian Peninsula to Malay Ar-  
chipelago (*winter*)  

---

Luzon Samar

**HETERACTITIS** *Stejn.*(Sharpe, Cat. Bds., XXIV, p. 449,  
1896.)**brevipes** (V.). (p. 449.)Eastern Siberia  
China to Malay Archipelago  
and Australia (*winter*)

|              |          |
|--------------|----------|
| Bohol        | Luzon    |
| Cagayancillo | Malanipa |
| Calayan      | Negros   |
| Cebu         | Palawan  |
| Cuyo         | Siquijor |
| Leyte        | Ticao    |
| Lubang       |          |

**ACTITIS** *Illiger.*(Tringoides Bp.; Sharpe, Cat. Bds.,  
XXIV, p. 456, 1896.)**hypoleucus** (Linn.). (p. 456.)Africa  
Europe and northern Asia  
Indian Peninsula to Australia  
(*winter*)

|              |          |
|--------------|----------|
| Agutaya      | Lubang   |
| Balabac      | Luzon    |
| Basilan      | Masbate  |
| Bohol        | Mindanao |
| Cagayancillo | Mindoro  |
| Cagayan Sulu | Negros   |
| Calamianes   | Palawan  |
| Calayan      | Panay    |
| Camiguin     | Samar    |
| Cebu         | Sibay    |
| Cuyo         | Ticao    |
| Guimaras     | Verde    |

**TEREKIA** *Bp.*(Sharpe, Cat. Bds., XXIV, p. 474,  
1896.)**cinerea** (Güldenst.). (p. 474.)Northern Siberia  
Northeastern Europe  
Africa and Indian Peninsula to  
Australia (*winter*)

|         |         |
|---------|---------|
| Bohol   | Negros  |
| Masbate | Palawan |

**GLOTTIS** *Koch.*(Sharpe, Cat. Bds., XXIV, p. 480,  
1896.)**nebularius** (Gunn.). (p. 481.)Africa  
Northern Europe and northern  
Asia  
Indian Peninsula to Australia  
(*winter*)

|          |        |
|----------|--------|
| Luzon    | Negros |
| Mindanao | Samar  |
| Mindoro  |        |



**RHYACOPHILUS** *Kaup.*

(Sharpe, Cat. Bds., XXIV, p. 490,  
1896.)

*glareola* (*Gm.*). (p. 491.)

Africa  
Europe and northern Asia  
Indian Peninsula to Australia  
(*winter*)

|              |          |
|--------------|----------|
| Bohol        | Mindanao |
| Cagayan Sulu | Mindoro  |
| Calamianes   | Negros   |
| Calayan      | Palawan  |
| Cebu         | Panay    |
| Guimaras     | Siquijor |
| Lubang       | Ticao    |
| Luzon        |          |

Subfamily **SCOLOPACINÆ.****CALIDRIS** *Illiger.*

(Sharpe, Cat. Bds., XXIV, p. 526,  
1896.)

*abba* (*Pall.*). (p. 526.)

[*Cf.* Richmond, Smithsonian, Miscel. Colls.,  
47, p. 347 (1905).]

Africa  
Arctic regions  
South America  
Indian Peninsula to Australia  
(*winter*)  
Marshall Islands (*winter*)

Luzon

**LIMONITES** *Kaup.*

(Sharpe, Cat. Bds., XXIV, p. 537,  
1896.)

*minuta* (*Leister*). (p. 538.)

Africa  
Ceylon (*winter*)  
Indian Peninsula  
Northern Europe  
Northern Asia to Lake Baikal

Mindanao

*ruficollis* (*Pall.*). (p. 545.)

Eastern Siberia  
Japan China  
Burmese countries to Australia  
(*winter*)

|         |          |
|---------|----------|
| Bohol   | Luzon    |
| Calayan | Mindanao |
| Cebu    | Negros   |
| Cuyo    | Palawan  |



**damacensis** (*Horsf.*). (p. 553.)

Japan  
Eastern Siberia  
Islands of Bering Sea  
China to northeastern Bengal  
Burma to Australia (*winter*)

Luzon Palawan  
Mindanao

**temmincki** (*Leisl.*). (p. 555.)

Northern Europe and Asia  
Northern and northeastern  
Africa  
Indian Peninsula  
China (*winter*)

Negros

### **HETEROPYGIA** *Coues.*

(Sharpe, Cat. Bds., XXIV, p. 561,  
1896.)

**acuminata** (*Horsf.*). (p. 566.)

Eastern Siberia  
Alaska  
China south to Australia and  
New Zealand (*winter*)

Mindanao

### **ANCYLOCHILUS** *Kaup.*

(Sharpe, Cat. Bds., XXIV, p. 585,  
1896.)

**subarquatus** (*Güldenst.*). (p. 586.)

Northern Siberia  
Africa  
Indian Peninsula to Australia  
(*winter*)

Luzon Negros

### **TRINGA** *Linn.*

(Sharpe, Cat. Bds., XXIV, p. 593,  
1896.)

**crassirostris** *T. & S.* (p. 600.)

Eastern Siberia  
Japan  
China to Australia and western  
Indian Peninsula (*winter*)

Negros



**LIMICOLA** *Koch.*

(Sharpe, Cat. Bds., XXIV, p. 612,  
1896.)

*platyrhyncha* (*Temm.*). (p. 612.)

Northern Europe and Siberia  
Mediterranean and Red Seas  
Indian Peninsula  
China to Moluccas (*winter*)

|       |         |
|-------|---------|
| Bohol | Negros  |
| Cuyo  | Palawan |

**GALLINAGO** *Leach.*

(Sharpe, Cat. Bds., XXIV, p. 616,  
1896.)

*stenura* (*Kuhl.*). (p. 619.)

Eastern Siberia to the Yenesei  
China to Malay Peninsula  
(*winter*)

|         |          |
|---------|----------|
| Calayan | Mindanao |
|---------|----------|

*megala* *Swinh.* (p. 624.)

Eastern Siberia  
Japan  
China south to Molucca Islands  
(*winter*)

|            |           |
|------------|-----------|
| Basilan    | Mindoro   |
| Calamianes | Negros    |
| Cebu       | Palawan   |
| Leyte      | Panay     |
| Lubang     | Samar     |
| Luzon      | Sibuyan   |
| Masbate    | Siquijor  |
| Mindanao   | Tawi Tawi |

*gallinago* (*Linn.*). (p. 633.)

Europe to northern Asia  
Senegambia and northeastern  
Africa (*winter*)  
Indian Peninsula to the Malay  
Peninsula and the Moluccas  
(*winter*)

|       |         |
|-------|---------|
| Bohol | Luzon   |
| Leyte | Mindoro |

**ROSTRATULA** *V.*

(Sharpe, Cat. Bds., XXIV, p. 683,  
1896.)

*capensis* (*Linn.*). (p. 683.)

Africa  
Indian Peninsula  
Burmese provinces to China  
and Japan south to Malay  
Peninsula  
Greater Sunda Islands

|             |          |
|-------------|----------|
| Catanduanes | Mindanao |
| Leyte       | Panay    |
| Lubang      | Samar    |
| Luzon       | Sibuyan  |
| Marinduque  | Siquijor |

Suborder **PARRÆ.**Family **PARRIDÆ.****HYDROPHASIS** *Sharpe.*(Sharpe, Cat. Bds., XXIV, p. 69,  
1896.)**chirurgus** (*Scop.*). (p. 69.)Indian Peninsula  
Indo-Chinese countries to Ma-  
lay Peninsula and Greater  
Sunda IslandsCalayan                      Mindanao  
Luzon                      Mindoro**HYDRALECTOR** *Wagler.*(Sharpe, Cat. Bds., XXIV, p. 79,  
1896.)**gallinaceus** (*Temm.*). (l. c.)Australa  
Celebes  
Southern Borneo

Mindanao

Suborder **CURSORI.**Family **GLAREOLIDÆ.****GLAREOLA** *Briss.*(Sharpe, Cat. Bds., XXIV, p. 53,  
1896.)**orientalis** *Leach.* (p. 58.)China  
Eastern Siberia  
Indian Peninsula  
Indo-Chinese countries  
Malay Peninsula and Archipel-  
ago to Australa (*winter*)Calayan                      Mindanao  
Fuga                      Negros  
Luzon                      PalawanSuborder **ÆDICNEMI.**Family **ÆDICNEMIDÆ.****ORTHORHAMPHUS** *Salvad.*(Sharpe, Cat. Bds., XXIV, p. 22,  
1896.)**magnirostris** (*V.*). (p. 22.)Australa to Blsmarck Archipel-  
ago and north to Borneo and  
islands of Bay of BengalCalayan                      Mindanao  
Fuga                      Mindoro  
Luzon                      Palawan



## Order GRUIFORMES.

## Suborder GRUES.

## Family GRUIDÆ.

**ANTIGONE** *Reichenb.*

(Sharpe, Cat. Bds., XXIII, p. 262,  
1894.)

*sharpei* *Blanf.*, Bull. B. O. C., V, p. VI (1895).

Malay Peninsula  
Burma and Cochin China

Luzon

## Suborder PLATALEÆ.

## Family IBIDIDÆ.

**PLEGADIS** *Kaup.*

(Sharpe, Cat. Bds., XXVI, p. 29,  
1898.)

*falcinellus* (*Linn.*). (l. c.)

China  
Africa  
Jamaica  
Australia  
Eastern United States  
Southern Europe to India

Mindanao

## Order ARDEIFORMES.

## Suborder CICONIÆ.

## Family CICONIIDÆ.

## Subfamily CICONIINÆ.

**DISSÖURA** *Cab.*

(Sharpe, Cat. Bds., XXVI, p. 294,  
1898.)

*episcopus* (*Bodd.*). (p. 294.)

Tropical Africa  
Indian Peninsula  
Malay Peninsula  
Indo-Malayan Islands  
Indo-Chinese countries  
Celebes Ceylon

Calayan Mindoro  
Leyte Negros  
Luzon Panay  
Masbate Samar  
Mindanao

Suborder **ARDEÆ.**Family **ARDEIDÆ.****PYRRHERODIAS** *Finsch & Hartl., Vog.*

Ost-Afr., p. 676 (1870).

[*Phoyx* Stejn. (Sharpe, Cat. Bds.,  
XXVI, p. 60, 1898.)]**manillensis** (*Meyen*). (p. 64.)

|                       |           |
|-----------------------|-----------|
| Celebes               |           |
| Indian Peninsula      |           |
| Malay Peninsula       |           |
| Ceylon                | China     |
| Greater Sunda Islands |           |
| <hr/>                 |           |
| Basilan               | Negros    |
| Calamianes            | Palawan   |
| Catanduanes           | Panay     |
| Cebu                  | Romblon   |
| Leyte                 | Samar     |
| Luzon                 | Sibuyan   |
| Marinduque            | Siquijor  |
| Masbate               | Tablas    |
| Mindanao              | Tawi Tawi |
| Mindoro               | Ticao     |

**ARDEA** *Linn.*(Sharpe, Cat. Bds., XXVI, p. 66,  
1898.)**sumatrana** *Raffl.* (p. 68.)

|                 |            |
|-----------------|------------|
| Australia       |            |
| Malay Peninsula |            |
| Sunda Islands   | Celebes    |
| Aracan          | Tenasserim |
| <hr/>           |            |
| Negros          | Palawan    |
| <hr/>           |            |
| Europe          | Asia       |
| Africa          | Australia  |
| <hr/>           |            |
| Guimaras        |            |

**cinerea** *Linn.* (p. 74.)**MESOPHOYX** *Sharpe.*(Sharpe, Cat. Bds., XXVI, p. 85,  
1898.)**intermedia** *Wagl.* (p. 85.)

|                     |         |
|---------------------|---------|
| Indian Peninsula    |         |
| Malayan Archipelago |         |
| China               | Japan   |
| <hr/>               |         |
| Bobol               | Mindoro |
| Calayan             | Palawan |
| Luzon               | Samar   |
| Mindanao            |         |



**HERODIAS** *Boie.*(Sharpe, Cat. Bds., XXVI, p. 88,  
1898.)*timoriensis* (Cuv.). (p. 98.)Northern China and Japan to  
Australia

Mindanao

**EGRETTA** *Forster.*(*Garzetta* Kaup; Sharpe, Cat. Bds.,  
XXVI, p. 118, 1898.)*garzetta* (Linn.). (p. 118.)Africa  
China Japan  
Southern Europe to central  
Asia  
Indian Peninsula  
Malay Peninsula and Archipel-  
agoBohol Mindanao  
Cagayancillo Negros  
Leyte Panay  
Lubang Romblon  
Luzon Siquijor**DEMIEGRETTA** *Blyth.*(Sharpe, Cat. Bds., XXVI, p. 136,  
1898.)*sacra* (Gm.). (p. 137.)Coast of Bay of Bengal to  
Australia and Oceania north  
to Japan and CoreaBalabac Mindanao  
Bohol Mindoro  
Bongao Negros  
Cagayancillo Panay  
Cagayan Sulu Pata (off Sulu)  
Calayan Romblon  
Cebu Semirara  
Cuyo Sibuyan  
Fuga Siquijor  
Lubang Sulu  
Luzon Tablas  
Malanipa Tawi Tawi  
Marinduque Ticao  
Masbate**NYCTICORAX** *Rafn.*(Sharpe, Cat. Bds., XXVI, p. 145,  
1898.)*nycticorax* (Linn.). (p. 146.)Africa  
Malay Peninsula  
China and Japan  
Greater Sunda Islands to  
Celebes  
Northern and Central America  
to Columbia and Ecuador  
Central and southern Europe to  
Indian PeninsulaCalayan Mindanao  
Luzon

**manillensis** *Vig.* (p. 162.)

Western Celebes  
Northern Borneo

|             |          |
|-------------|----------|
| Basilan     | Mindoro  |
| Catanduanes | Negros   |
| Cebu        | Panay    |
| Leyte       | Samar    |
| Luzon       | Sibuyan  |
| Marinduque  | Siquijor |
| Masbate     | Tablas   |
| Mindanao    | Ticao    |

**GORSACHIUS** *Bp.*

(Sharpe, Cat. Bds., XXVI, p. 166,  
1898.)

**melanolophus** (*Raffl.*). (p. 166.)

Ceylon  
Southern India  
Assam to Hainan  
Greater Sunda Island  
Formosa south to Malay Penin-  
sula

|          |          |
|----------|----------|
| Balabac  | Mindanao |
| Basilan  | Palawan  |
| Cebu     | Samar    |
| Guimaras | Siquijor |
| Luzon    | Ticao    |
| Masbate  |          |

**goisagi** (*Temm.*). (p. 169.)

|       |          |
|-------|----------|
| Japan | Formosa  |
| Luzon | Mindanao |

**BUTORIDES** *Blyth.*

(Sharpe, Cat. Bds., XXVI, p. 172,  
1898.)

**javanica** (*Horsf.*). (p. 177.)

Southern China  
Malay Peninsula  
Indian Peninsula  
Celebes Ceylon  
Mascarene Islands  
Greater Sunda Islands

|              |           |
|--------------|-----------|
| Bongao       | Mindoro   |
| Cagayancillo | Negros    |
| Calamianes   | Nipa      |
| Calayan      | Palawan   |
| Cebu         | Panay     |
| Cuyo         | Romblon   |
| Dinagat      | Samar     |
| Guimaras     | Semirara  |
| Leyte        | Sibuyan   |
| Lubang       | Siquijor  |
| Luzon        | Sulu      |
| Marinduque   | Tablas    |
| Masbate      | Tawi Tawi |
| Mindanao     | Ticao     |

**amurensis** (*Schrenck*) (p. 181.)

Greater Sunda Islands  
Japan China  
Amur-land Celebes

|      |         |
|------|---------|
| Cebu | Palawan |
|------|---------|



**BUBULCUS** *Bp.*(Sharpe, Cat. Bds., XXVI, p. 213,  
1898.)**coromandus** (*Bodd.*). (p. 217.)

Ceylon  
 Eastern Siberia  
 Indian Peninsula  
 Corea                      China  
 Indo-Chinese countries south to  
 Celebes and Moluccas

---

|             |          |
|-------------|----------|
| Balabac     | Masbate  |
| Bohol       | Mindanao |
| Bongao      | Mindoro  |
| Calayan     | Negros   |
| Catanduanes | Palawan  |
| Cebu        | Panay    |
| Cuyo        | Sulu     |
| Guimaras    | Tablas   |
| Lubang      | Ticao    |
| Luzon       |          |

**ARDETTA** *Gray.*(Sharpe, Cat. Bds., XXVI, p. 220,  
1898.)**sinensis** (*Gm.*). (p. 227.)

Japan  
 Indian Peninsula  
 China                      Korea  
 Indo-Chinese countries  
 Malay Peninsula and islands  
 to Australia (*winter*)

---

|          |        |
|----------|--------|
| Calayan  | Panay  |
| Luzon    | Sulu   |
| Mindanao | Tablas |
| Mindoro  |        |

**cinnamomea** (*Gm.*). (p. 236.)

China  
 Eastern Siberia  
 Celebes (*winter*)  
 Indian Peninsula  
 Indo-Malayan subregion

---

|             |           |
|-------------|-----------|
| Catanduanes | Mindoro   |
| Cebu        | Palawan   |
| Guimaras    | Panay     |
| Leyte       | Sibuyan   |
| Luzon       | Tablas    |
| Marinduque  | Tawi Tawi |
| Mindanao    | Ticao     |

**NANNOCNUS** *Stejn.*(Sharpe, Cat. Bds., XXVI, p. 242,  
1898.)**eurythmus** (*Swinh.*). (p. 242.)

Eastern Siberia  
 Japan                      China  
 Borneo                      Celebes

---

|          |        |
|----------|--------|
| Mindanao | Negros |
|----------|--------|

**DUPETOR** *Heine & Reichen.*(Sharpe, Cat. Bds., XXVI, p. 246,  
1898.)**flavicollis** (*Lath.*). (p. 247.)Malay Peninsula  
Celebes                      Ceylon  
Indo-Chinese countries  
Indian Peninsula  
Greater Sunda Islands  
Southern and central China

---

Cebu                      Mindanao  
Luzon                      Negros  
Marinduque              Samar**BOTAURUS** *Briss.*(Sharpe, Cat. Bds., XXVI, p. 253,  
1898.)**stellaris** (*Linn.*). (l. c.)Northwestern India  
Burma                      China  
Temperate Palearctic region

---

LuzonOrder **ANSERIFORMES.**Family **ANATIDÆ.**Subfamily **PLECTROPTERINÆ.****NETTOPUS** *Brandt.*(Salvadori, Cat. Bds., XXVII, p. 64,  
1895.)**coromandelianus** (*Gm.*). (p. 68.)Indian Peninsula  
Burmese countries  
Greater Sunda Islands  
China                      Celebes

---

LuzonSubfamily **ANATINÆ.****DENDROCYGNA** *Swains.*(Salvadori, Cat. Bds., XXVII, p. 144,  
1895.)**viduata** (*Linn.*). (p. 145.)Tropical Africa  
Tropical South America  
West Indies              Madagascar

---

Luzon



*arcuata* (Horsf.). (p. 153.)

|                      |          |
|----------------------|----------|
| New Guinea           |          |
| Indo-Malayan Islands |          |
| Australia            | Oceania  |
| Celebes              | Moluccas |

|             |          |
|-------------|----------|
| Basilan     | Mindanao |
| Bohol       | Mindoro  |
| Catanduanes | Panay    |
| Cebu        | Samar    |
| Guimaras    | Sibuyan  |
| Leyte       | Siquijor |
| Luzon       | Ticao    |
| Masbate     |          |

*guttulata* Wallace.

[*guttata* Forst. (p. 164.)]

|                  |            |
|------------------|------------|
| Celebes          |            |
| Tenimber Islands |            |
| Moluccas         | New Guinea |

Mindanao

**ANAS** Linn.

(Salvadori, Cat. Bds., XXVII, p. 187,  
1895.)

*luzonica* Fraser. (p. 205.)

|             |          |
|-------------|----------|
| Catanduanes | Mindanao |
| Guimaras    | Mindoro  |
| Lubang      | Panay    |
| Luzon       | Samar    |
| Marinduque  | Siquijor |
| Masbate     | Ticao    |

**POLIONETTA** Oates.

(Oates, Man. Game Bds. Ind., pt. II,  
p. 151, 1899.)  
[*Anas* Linn. pt.]

*zonorhyncha* (Swinh.). (p. 211.)

|                 |                |
|-----------------|----------------|
| Eastern Siberia |                |
| Mongolia        | Japan          |
| China           | Kurile Islands |

Calayan

**MARECA** Steph.

(Salvadori, Cat. Bds., XXVII, p. 227,  
1895.)

*penelope* (Linn.). (l. c.)

|   |  |
|---|--|
| Persia (winter)   |  |
| Marshall Islands (winter)                                 |  |
| North America (occasional)                                |  |
| Northeastern Africa (winter)                              |  |
| Northern Europe and Siberia to<br>Kamtchatka              |  |
| Northern Indian Peninsula and<br>Burma to Borneo (winter) |  |

Calayan

**NETTION** *Kaup.*(Salvadori, Cat. Bds., XXVII, p. 238,  
1895.)**crecca** (*Linn.*). (p. 243.)

Persia  
 China (*winter*)  
 Indian Peninsula  
 Europe and northern Asia  
 Eastern United States (*occasional*)  
 Northern and northeastern  
 Africa

---

Calayan Mindoro  
 Luzon

**DAFILA** *Steph.*(Salvadori, Cat. Bds., XXVII, p. 270,  
1895.)**acuta** (*Linn.*). (p. 270.)  
[*modesta* Tristr. (p. 275, note.)]

Northern Asia  
 North America  
 Northern Europe  
 Mediterranean countries (*winter*)  
 Indian Peninsula and China  
 (*winter*)  
 Central America and West Indies  
 (*winter*)  
 Indo-Malayan Archipelago and  
 Oceania (*winter*)

---

Luzon

**QUERQUEDULA** *Steph.*(Salvadori, Cat. Bds., XXVII, p. 290,  
1895.)**querquedula** (*Linn.*).  
[*circia* Linn. (p. 293.)]

China (*winter*)  
 Indian Peninsula (*winter*)  
 Northeastern Africa (*winter*)  
 Malayan Archipelago (*winter*)  
 Northern Europe and northern  
 Asia

---

Calayan Luzon

**SPATULA** *Boie.*(Salvadori, Cat. Bds., XXVII, p. 306,  
1895.)**clypeata** (*Linn.*). (p. 306.)

North America  
 Africa (*winter*)  
 West Indies (*winter*)  
 Southern China (*winter*)  
 Indian Peninsula (*winter*)  
 Arabia and Persia (*winter*)  
 Hawaiian Archipelago (*winter*)  
 Central America to Colombia  
 (*winter*)  
 Europe Western Asia

---

Calayan Luzon  
 Mindoro



Subfamily **FULIGULINÆ.****FULIGULA** *Steph.*(Salvadori, Cat. Bds., XXVII, p. 354,  
1895.)**fuligula** (*Linn.*). (p. 363.)

Northern Asia  
 Northern Europe  
 Greater Sunda Islands (*winter*)  
 Marianne and Pelew Islands  
 (*winter*)  
 Mediterranean Sea and Abyssinia  
 (*winter*)  
 Northern Indian Peninsula and  
 Southern China (*winter*)

---

Calayan                      Mindanao  
 Luzon

Order **PELECANIFORMES.**Family **PHALACROCORACIDÆ.****PHALACROCORAX** *Briss.*(Grant, Cat. Bds., XXVI, p. 330,  
1898.)**carbo** (*Linn.*). (p. 340.)

Europe                      Africa  
 Greenland                  Northern Asia  
 Eastern North America to  
 Georgia  
 Indian Peninsula to China and  
 Australia

---

Calayan                      Ticao  
 Luzon

Family **PLOTIDÆ.****ANHINGA** *Briss.*(*Plotus* *Linn.*; Grant, Cat. Bds.,  
XXVI, p. 410, 1898.)**melanogaster** (*Pennant*). (p. 414.)

Mesopotamia  
 Indian Peninsula  
 Indo-Chinese countries  
 Indo-Malayan Peninsula  
 Borneo                      Celebes

---

Luzon                      Mindoro  
 Mindanao                  Negros

Family **SULIDÆ.****SULA** *Briss.*(Grant, Cat. Bds., XXVI, p. 423,  
1898.)**piscator** (*Linn.*). (p. 432.)

Oceania  
 Southern Atlantic  
 Indian and Australian Seas

---

Mindanao

*sula* (Linn.). (p. 436.)

Tropical Atlantic, Indian, Australian, and Pacific Oceans

|                       |          |
|-----------------------|----------|
| Calayan? <sup>1</sup> | Luzon    |
| Dinagat               | Mindanao |

Family **FREGATIDÆ.**

**FREGATA** *Briss.*

(Grant, Cat. Bds., XXVI, p. 442, 1898.)

*aquila* (Linn.). (p. 443.)

Tropical and subtropical oceans of both hemispheres

Cagayancillo

*ariel* (Gould). (p. 447.)

Tropical and subtropical Indian and Pacific Oceans

|              |         |
|--------------|---------|
| Cagayancillo | Negros  |
| Luzon        | Palawan |
| Mindanao     |         |

Family **PELECANIDÆ.**

**PELECANUS** *Linn.*

(Grant, Cat. Bds., XXVI, p. 460, 1898.)

*philippensis* *Gm.* (p. 471.)

Indian Peninsula to China

|       |          |
|-------|----------|
| Luzon | Mindanao |
|-------|----------|

Order **ACCIPITRIFORMES.**

Suborder **ACCIPITRES.**

Family **FALCONIDÆ.**

Subfamily **ACCIPITRINÆ.**

**CIRCUS** *Lacép.*

(Sharpe, Cat. Bds., I, p. 50, 1874.)

*silonotus* *Kaup.* (p. 58.)

Eastern Siberia  
China and Indo-Burmese countries (*winter*)  
Malay Archipelago (*winter*)

|          |         |
|----------|---------|
| Calayan  | Palawan |
| Luzon    | Sibay   |
| Mindanao | Sulu    |
| Mindoro  |         |

<sup>1</sup> A pair of birds, in all probability *S. sula*, were observed near Calayan by Mr. McGregor in September, 1903.—WORCESTER.



*melanoleucus* (Forst.). (p. 61.)

Eastern Siberia  
Mongolia      China (*winter*)  
Northeastern Indian Peninsula  
and Indo-Chinese countries  
(*winter*)

---

|          |          |
|----------|----------|
| Calayan  | Mindanao |
| Basilan  | Negros   |
| Guimaras | Sulu     |
| Luzon    | Ticao    |

*æruginosus* (Linn.). (p. 69.)

Temperate Europe  
Northern Africa (*winter*)  
Indian Peninsula (*winter*)  
Siberia      China (*winter*)

---

Cagayan Sulu    Mindoro  
Luzon

### ASTUR Lacép.

(Sharpe, Cat. Bds., I, p. 92, 1874.)

*trivirgatus* (Temm.). (p. 105.)

Indian Peninsula  
Indo-Malayan Islands  
Ceylon      Formosa

---

|          |         |
|----------|---------|
| Balabac  | Palawan |
| Leyte    | Samar   |
| Mindanao |         |

*soloensis* (Lath.). (p. 114.)

China  
Indo-Chinese countries  
Molucca Islands (*winter*)  
Malay Peninsula (*winter*)  
Indo-Malayan Islands (*winter*)

---

Cagayancillo    Mindanao  
Luzon

*cuculoides* (Temm.). (p. 115.)

China, south to Malay Archipelago (*winter*)

---

Cagayancillo

### ACCIPITER Briss.

(Sharpe, Cat. Bds., I, p. 132, 1874.)

*gularis* (Temm. & Schl.). (p. 160, pt.)

Japan  
Northern China  
Malay Peninsula  
Malay Archipelago

---

|         |         |
|---------|---------|
| Calayan | Palawan |
| Fuga    |         |

*manillensis* (Meyen). (p. 150, pt.)

|          |          |
|----------|----------|
| Guimaras | Mindanao |
| Leyte    | Mindoro  |
| Luzon    | Negros   |



Subfamily **AQUILINÆ**.**LOPHOTRIORCHIS** Sharpe.

(Sharpe, Cat. Bds., I, p. 255, 1874.)

**kieneri** (*Geoffr.*). (p. 255.)

|                        |            |
|------------------------|------------|
| Malay Peninsula        |            |
| Indian Peninsula       |            |
| Lesser Sunda Islands   |            |
| Indo-Malayan Islands   |            |
| Indo-Chinese provinces |            |
| Ceylon                 | Celebes    |
| <hr/>                  |            |
| Luzon                  | Marinduque |
| Panay                  | Mindanao   |

**SPIZAËTUS** Vieill.

(Sharpe, Cat. Bds., I, p. 259, 1874.)

**philippinensis** Gurney. (p. 261, note.)

|         |          |
|---------|----------|
| Basilan | Negros   |
| Luzon   | Palawan  |
| Masbate | Siquijor |

**limnaëtus** (*Horsf.*). (p. 272.)

|                       |           |
|-----------------------|-----------|
| Burmese provinces     |           |
| Malayan Peninsula     |           |
| Northeastern Bengal   |           |
| Greater Sunda Islands |           |
| Assam                 | Himalayas |
| <hr/>                 |           |
| Calamianes            | Mindoro   |
| Lubang                | Palawan   |
| Mindanao              |           |

**PITHECOPHAGA** Grant.

(Grant, B. O. C., VI, p. 17, 1896.)

**jefferyi** Grant, Bull. B. O. C., VI, p. 17,  
1896; id. Ibis, 1897, pl. v.

|                     |          |
|---------------------|----------|
| Leyte? <sup>1</sup> | Mindanao |
| Luzon               | Samar    |

**SPILORNIS** Gray.

(Sharpe, Cat. Bds., I, p. 287, 1874.)

**bacha** (*Daud.*). (p. 290.)

|                       |         |
|-----------------------|---------|
| Malayan Peninsula     |         |
| Greater Sunda Islands |         |
| <hr/>                 |         |
| Calamianes            | Palawan |
| Balabac               |         |

**holospilus** (*Vig.*). (p. 293.)

|             |            |
|-------------|------------|
| Basilan     | Marinduque |
| Bongao      | Mindanao   |
| Catanduanes | Mindoro    |
| Cebu        | Samar      |
| Leyte       | Sulu       |
| Luzon       | Tawi Tawi  |

**panayensis** Steere, List. Bds. & Mams.  
Steere Exp., p. 7 (1890).

|          |         |
|----------|---------|
| Guimaras | Romblon |
| Masbate  | Sibuyan |
| Negros   | Tablas  |
| Panay    |         |

<sup>1</sup> *P. jefferyi* was probably heard, although not seen, by Whitehead in Leyte. As it has been killed in Samar and Mindanao its occurrence in Leyte is hardly open to doubt.—WORCESTER.



**BUTASTUR** *Hodgs.*

(Sharpe, Cat. Bds., I, p. 294, 1874.)

*indicus* (*Gm.*). (p. 297.)

|                          |           |
|--------------------------|-----------|
| Ussuri-land              |           |
| Japan                    | Celebes   |
| China to Malay Peninsula |           |
| Balabac                  | Masbate   |
| Basilan                  | Mindanao  |
| Bohol                    | Mindoro   |
| Cagayanelllo             | Negros    |
| Cagayan Sulu             | Palawan   |
| Calamianes               | Panay     |
| Calayan                  | Samar     |
| Cebu                     | Sibay     |
| Cuyo                     | Siquijor  |
| Fuga                     | Sulu      |
| Gulmaras                 | Tawi Tawi |
| Lubang                   | Verde     |
| Luzon                    |           |

**HALIAETUS** *Savign.*

(Sharpe, Cat. Bds., I, p. 301, 1874.)

*leucogaster* (*Gm.*). (p. 307.)

|  |  |
|--|--|
| Indian Peninsula                         |  |
| Indo-Chinese provinces                   |  |
| Malay Peninsula to Australia and Oceania |  |

|            |           |
|------------|-----------|
| Basilan    | Romblon   |
| Bongao     | Samar     |
| Calamianes | Semirara  |
| Calayan    | Sibuyan   |
| East Bolod | Siquijor  |
| Fuga       | Sulu      |
| Luzon      | Tablas    |
| Masbate    | Tawi Tawi |
| Mindanao   | Ticao     |
| Mindoro    | Verde     |
| Palawan    |           |

**HALIASTUR** *Selby.*

(Sharpe, Cat. Bds., I, p. 312, 1874.)

*intermedius* *Gurney.* (p. 314.)

|                        |  |
|------------------------|--|
| Celebes                |  |
| Malay Peninsula        |  |
| Greater Sunda Islands  |  |
| Indo-Chinese provinces |  |

|                  |            |
|------------------|------------|
| Basilan          | Marinduque |
| Bohol            | Masbate    |
| Bongao           | Mindanao   |
| Calamianes       | Mindoro    |
| Catanduanes      | Negros     |
| Cebu             | Panay      |
| Cuyo             | Romblon    |
| Gulmaras         | Samar      |
| Leyte            | Sibuyan    |
| Lubang           | Siquijor   |
| Luzon            | Sulu       |
| Maestro de Campo | Tablas     |
| Malanipa         | Tawi Tawi  |
|                  | Ticao      |

**ELANUS** *Savign.*

(Sharpe, Cat. Bds., I, p. 336, 1874.)

**hypoleucus** *Gould.* (p. 338.)

|                       |           |
|-----------------------|-----------|
| Celebes               |           |
| Greater Sunda Islands |           |
| Basilan               | Mindoro   |
| Bongao                | Negros    |
| Calamianes            | Samar     |
| Cebu                  | Sibuyan   |
| Guimaras              | Sulu      |
| Luzon                 | Tawi Tawi |
| Mindanao              |           |

**PERNIS** *Cur.*

(Sharpe, Cat. Bds., I, p. 343, 1874.)

**ptilonorhynchus** (*Temm.*). (p. 347.)

|                        |  |
|------------------------|--|
| Ceylon                 |  |
| Malay Peninsula        |  |
| Indian Peninsula       |  |
| Indo-Chinese countries |  |
| Greater Sunda Islands  |  |

|          |         |
|----------|---------|
| Cebu     | Palawan |
| Luzon    | Samar   |
| Mindanao | Sibuyan |
| Mindoro  | Sulu    |

**BAZA** *Hodge.*

(Sharpe, Cat. Bds., I, p. 351, 1874.)

**magnirostris** *Gray.* (p. 356.)

|       |          |
|-------|----------|
| Luzon | Mindanao |
|-------|----------|

**leucopais** *Sharpe*, Ibis, 1888, p. 195.

|         |       |
|---------|-------|
| Palawan | Samar |
| Romblon |       |

**MICROHIERAX** *Sharpe.*

(Sharpe, Cat. Bds., I, p. 366, 1874.)

**erythrogenys** (*Vig.*). (p. 369.)

|       |         |
|-------|---------|
| Luzon | Mindoro |
|-------|---------|

**meridionalis** *Grant*, Ibis, 1897, 220.

|       |          |
|-------|----------|
| Cebu  | Mindanao |
| Luzon | Samar    |

**FALCO** *Linn.*

(Sharpe, Cat. Bds., I, p. 374, 1874.)

**peregrinus** *Tunst.*[*communis* *Gm.* (p. 376.)]

|                                    |      |
|------------------------------------|------|
| Africa ( <i>winter</i> )           |      |
| Northern America                   |      |
| Europe                             | Asia |
| Indian Peninsula ( <i>winter</i> ) |      |

|             |         |
|-------------|---------|
| Calayan     | Mindoro |
| Catanduanes | Negros  |
| Fuga        | Palawan |
| Luzon       | Sibuyan |
| Mindanao    |         |

**ernesti** *Sharpe*, Ibis, 1894, p. 545.

|                       |              |
|-----------------------|--------------|
| Greater Sunda Islands |              |
| New Guinea            | Fiji Islands |
| Luzon                 | Negros       |



*melanogenys* Gould. (p. 385.)

Australia

Luzon

*severus* Horsf. (p. 397.)

Malay Peninsula

Burmese provinces

Himalayas Ceylon

Southern Indian Peninsula

Greater Sunda Islands to New

Guinea and New Britain

Calamianes

Palawan

Cebu

Romblon

Luzon

Sibuyan

Mindanao

Siquijor

Mindoro

Sulu

Negros

Tawi Tawi

**CERCHNEIS** Boie.

(Sharpe, Cat. Bds., I, p. 423, 1874.)

*tinnunculus* (Linn.). (p. 425.)Africa (*winter*)Indian Peninsula (*winter*)

Europe Northern Asia

Luzon

Suborder **PANDIONES.**Family **PANDIONIDÆ.****PANDION** Savign.

(Sharpe, Cat. Bds., I, p. 448, 1874.)

*haliaëtus* (Linn.). (p. 449.)

Eastern Hemisphere

Luzon

Palawan

Mindoro

*leucocephalus* Gould. (p. 451.)

Australia

Austro-Malayan Islands

Balabac

Marinduque

**POLIOAËTUS** Kaup.

(Sharpe, Cat. Bds., I, p. 452, 1874.)

*ichthyaëtus* (Horsf.). (p. 452.)

Malay Peninsula

Burmese provinces

Indian Peninsula

Greater Sunda Islands

Celebes

Ceylon

Basilan

Mindoro

Bongao

Negros

Luzon

Samar

Mindanao

## Order STRIGIFORMES.

## Family BUBONIDÆ.

## Subfamily BUBONINÆ.

**PSEUDOPTYNX** *Kaup.*

(*Bubo*, pt., Sharpe, Cat. Bds., II, p. 12, 1875.)

|   |          |  |
|---|----------|--|
| <b>philippinensis</b> <i>Kaup.</i> (p. 43.)             | Luzon    |  |
| <b>gurneyi</b> <i>Tweedd.</i> , P. Z. S., 1878, p. 940. | Mindanao |  |

**OTUS** *Pennant.*

(Stone, Auk. XX, p. 275, 1903.)  
(*Scops*, Sharpe, Cat. Bds., II, p. 43, 1875.)

|   |  |                       |
|---|--|-----------------------|
| <b>megalotis</b> ( <i>Gray.</i> ). (p. 69.)                                   | Luzon                                    |                       |
| <b>everetti</b> ( <i>Tweedd.</i> ), P. Z. S., 1878, p. 492.                   | Basilan<br>Mindanao                      | Palawan<br>Samar      |
| <b>fuliginosus</b> ( <i>Sharpe</i> ), Ibis, 1888, p. 197.                     | Palawan                                  |                       |
| <b>sibutuensis</b> ( <i>Sharpe</i> ), Bull. B. O. C., II, p. ix (1893).       | Sibutu                                   | Sulu                  |
| <b>longicornis</b> ( <i>Grant</i> ), Bull. B. O. C., III, p. li (1894).       | Luzon                                    | Mindoro? <sup>1</sup> |
| <b>mindorensis</b> ( <i>Whitehead</i> ), Ibis, Jan., 1899, p. 98.             | Mindoro                                  |                       |
| <b>whiteheadi</b> ( <i>Grant</i> ), Bull. B. O. C., IV, p. xl (1895.)         | Luzon                                    |                       |
| <b>rufescens</b> ( <i>Horsf.</i> ). (p. 102.)                                 | Malay Peninsula<br>Greater Sunda Islands |                       |
|   | Sulu                                     |                       |
| <b>cuyensis</b> <i>McGregor</i> , Bull. Philippine Mus., No. 4, p. 17 (1904). | Cuyo                                     |                       |
| <b>calayensis</b> <i>McGregor</i> , l. c., p. 18.                             | Calayan                                  |                       |
| <b>romblonis</b> <i>McGregor</i> , Govt. Lab. Publ., No. 25, p. 12 (1905).    | Romblon                                  |                       |

<sup>1</sup>An undetermined specimen of *Scops* collected by Whitehead in Mindoro, is doubtfully referred by Grant to *S. longicornis* (Ibis, Oct., 1896, p. 462).—  
WORCESTER.



**NINOX** *Hodgs.*

(Sharpe, Cat. Bds., II, p. 151, 1875.)

**lugubris** (*Tickell*). (p. 154.)Himalayas  
Indian Peninsula  
Burmese countries

|          |        |
|----------|--------|
| Basilan  | Negros |
| Luzon    | Panay  |
| Masbate  | Sulu   |
| Mindanao |        |

**scutulata** (*Raffl.*). (p. 156.)Southern India  
Malay Peninsula  
Greater Sunda Islands  
Ceylon                      Tenasserim

Palawan

**japonica** (*Temm. & Schl.*).(Scutulata pt. Sharpe, Cat. Bds., II,  
p. 156; *florensis* Wall., P. Z. S., 1863,  
p. 488; *macroptera* W. Blasius, Ornith.,  
1888, p. 545.)Celebes (*winter*)  
Ternate (*winter*)  
Sangi Islands (*winter*)  
Japan                      China  
Indo-Malayan Islands

|         |          |
|---------|----------|
| Calayan | Fuga     |
| Cebu    | Mindanao |
| Cuyo    | Mindoro  |
| Basilan |          |

**philippensis** *Bp.* (p. 167.)

|            |          |
|------------|----------|
| Guimaras   | Negros   |
| Leyte      | Panay    |
| Luzon      | Samar    |
| Marinduque | Siquijor |
| Masbate    | Ticao    |

**everetti** *Sharpe*, Bull. B. O. C., VI, p. 42  
(1897).

Siasi

**spilocephala** *Tweedd.*, P. Z. S., 1878, p. 940.

Basilan                      Mindanao

**spilonota** *Bourns & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 8 (1894).

|          |         |
|----------|---------|
| Cebu     | Mindoro |
| Luzon    | Tablas  |
| Mindanao |         |

**reyi** *Oust.*, Bul. Assoc. Sc. France, 1880, No.  
39, p. 206.

Bongao                      Sulu

**mindorensis** *Grant*, Ibis, 1896, p. 463.

Mindoro

**plateni** *Blas.* (in litt.) *Hartl.*, Abh. Nat.  
Ver. Brem., XVI, p. 271 (1899).

Mindoro

Subfamily **SYRNIINÆ**.**SYRNIUM** *Savign.*

(Sharpe, Cat. Bds., II, p. 244, 1875.)

**whiteheadi** *Sharpe*, Ibis, 1888, p. 196, pl. iii.  
[*wiepkeni* W. Blasius, Ornith., 1888, p. 304.]

Palawan

Family **STRIGIDÆ.****STRIX** *Linn.*

(Sharpe, Cat. Bds., II, p. 290, 1875.)

**candida** *Tick.* (p. 308.)[*oustaleti* Hartl., P. Z. S., 1879, p. 295.]

Indian Peninsula  
 Burmese provinces  
 Northern Australia  
 Fiji Islands (Viti Levu)  
 Formosa                      Celebes

---

Calamianes              Mindoro  
 Cebu                      Sibuyan  
 Luzon                      Siquijor

Order **PSITTACIFORMES.**Family **LORIIDÆ.****TRICHOGLOSSUS** *Vig. & Horsf.*

(Salvad., Cat. Bds., XX, p. 49, 1891.)

**johnstoniæ** *Hartert*, Bull. B. O. C., XIV, Mindanao  
 p. 10 (1903).

Family **CACATUIDÆ.****CACATUA** *Vieill.*(Salvadori, Cat. Bds., XX, p. 115,  
1891.)**hæmaturophygia** (*P. L. S. Müll.*). (p. 130.)

|            |           |
|------------|-----------|
| Balabac    | Mindoro   |
| Basilan    | Negros    |
| Bongao     | Nipa      |
| Calamianes | Palawan   |
| Cebu       | Panaon    |
| Guimaras   | Panay     |
| Lapac      | Samar     |
| Leyte      | Siquijor  |
| Lubang     | Sulu      |
| Luzon      | Tablas    |
| Marinduque | Tawi Tawi |
| Masbate    | Ticao     |
| Mindanao   |           |

Family **PSITTACIDÆ.**Subfamily **PALÆORNITHINÆ.****PRIONITURUS** *Wagl.*(Salvadori, Cat. Bds., XX, p. 414,  
1891.)

**verticalis** *Sharpe*, Bull. B. O. C., III, p. x  
 (1893).

|        |           |
|--------|-----------|
| Bongao | Tawi Tawi |
| Sibutu |           |

**montanus** *Grant*, Bull. B. O. C., IV, p. xli  
 (1895).

|       |
|-------|
| Luzon |
|-------|



|  |             |                   |
|--|-------------|-------------------|
| <b>discurus</b> ( <i>Vicill.</i> ). (p. 417.)    | Basilan     | Mindanao          |
| [ <i>P. suluensis</i> W. Blasius, J. f. O. 1890, | Catanduanes | Negros            |
| p. 140.]   | Cebu        | Samar             |
|  | Gulmaras    | Sibuyan           |
|  | Leyte       | Sulu <sup>1</sup> |
|  | Luzon       | Tablas            |
|  | Masbate     |                   |

**waterstradti** *Roths.*, Bull. B. O. C., XIV, p. 72 (1904). Mindanao

**mindorensis** *Steere*. (p. 419.) Mindoro

**cyaneiceps** *Sharpe*. (p. 419.) Balabac Palawan  
Calamianes

**luconensis** *Steere*. (p. 420.) Luzon Marinduque

### **TANYGNATHUS** *Wagl.*

(Salvadori, Cat. Bds., XX, p. 422, 1891.)

**luconensis** (*Linn.*). (p. 424.)

|                 |           |
|-----------------|-----------|
| Basilan         | Mindoro   |
| Bongao          | Negros    |
| Cagayan Sulu    | Palawan   |
| Calamianes      | Panay     |
| Cebu            | Romblon   |
| Gulmaras        | Samar     |
| Lapac           | Sibutu    |
| Leyte           | Sibuyan   |
| Luzon           | Siquijor  |
| Maestro de Sulu |           |
| Campo           | Tablas    |
| Malanipa        | Tawi Tawi |
| Marinduque      | Ticao     |
| Masbate         | Verde     |
| Mindanao        |           |

**everetti** *Twedd.* (p. 432.) Luzon Negros  
Mindanao Panay  
Mindoro Samar

**burbidgei** *Sharpe*. (p. 432.) Bongao Tawi Tawi  
Sulu

### **BOLBOPSITTACUS** *Salvad.*

(Salvadori, Cat. Bds., XX, p. 503, 1891.)

**lunulatus** (*Scop.*). (p. 504.) Luzon

**intermedius** *Salvad.* (p. 505.) Leyte Samar

**mindanensis** (*Steere*). (p. 506.) Mindanao Panaon

<sup>1</sup>W. Blasius has separated the Sulu birds as a new variety under the name *P. discurus suluensis*, stating that they differ from the typical *P. discurus* in the greater extent of the blue coloring on the head and in the more slender and longer beak. A careful examination of the specimens obtained by Bourns and myself in Sulu failed to disclose any differences between them and typical *P. discurus*, and I am of the opinion that Blasius's "variety" can not stand.—WORCESTER.

**LORICULUS** *Blyth.*(Salvadori, Cat. Bds., XX, p. 515,  
1891.)

|   |                                     |                     |
|---|-------------------------------------|---------------------|
| <b>chrysonotus</b> <i>Scl.</i> (p. 522.)                            | Cebu                                |                     |
| <b>regulus</b> <i>Souancé.</i> (p. 523.)                            | Guimaras<br>Masbate<br>Negros       | Panay<br>Ticao      |
| <b>bournsi</b> <i>McGregor</i> , Govt. Lab. Publ. No. 25,<br>p. 16. | Romblon<br>Sibuyan                  | Tablas              |
| <b>philippensis</b> ( <i>P. L. S. Müll.</i> ). (p. 524.)            | Catanduanes<br>Luzon                | Marinduque          |
| <b>mindorensis</b> <i>Steere.</i> (p. 526.)                         | Mindoro                             |                     |
| <b>siquijorensis</b> <i>Steere.</i> (p. 526.)                       | Siquijor                            |                     |
| <b>apicalis</b> <i>Souancé.</i> (p. 528.)                           | Basilan<br>Bazol                    | Dinigat<br>Mindanao |
| <b>worcesteri</b> <i>Steere.</i> (p. 528, pt.)                      | Bohol<br>Leyte                      | Samar               |
| <b>bonapartei</b> <i>Souancé.</i> (p. 530.)                         | Bongao<br>Sulu                      | Tawi Tawi           |
| <b>sp.</b> <i>Salvad.</i> , Cat. Bds. XX, p. 530, note.             | Mindanao                            |                     |
| <b>galgulus</b> ( <i>Linn.</i> ). (p. 531.)                         | Malay Peninsula<br>Sumatra<br>Banka | Nias<br>Borneo      |
|   | Cagayan Sulu                        |                     |

## Order CORACIIFORMES.

## Suborder PODARGI.

## Family PODARGIDÆ.

**BATRACHOSTOMUS** *Gould.*(Hartert, Cat. Bds., XVI, p. 636,  
1892.)

|   |                       |          |
|---|-----------------------|----------|
| <b>septimus</b> <i>Tweed.</i> (p. 638.)                                   | Basilan? <sup>1</sup> | Mindanao |
| <b>microrhynchus</b> <i>Grant</i> , Bull. B. O. C., IV,<br>p. xli (1895.) | Luzon                 |          |

<sup>1</sup> A *Batrachostomus*, probably of this species, was seen by me in Basilan in 1891.—WORCESTER.



**menagei** *Bourne & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 11 (1894).  
**javensis** (*Horsf.*). (p. 640.)

Negros?<sup>1</sup>      Panay  
Borneo      Sumatra  
Java

Palawan

**affinis** *Blyth*. (p. 643.)

Malay Peninsula  
Southern Tenasserim  
Borneo      Sumatra

Palawan

### Suborder CORACIÆ.

#### Family CORACIIDÆ.

##### Subfamily CORACIINÆ.

### EURYSTOMUS *Vieill.*

(Sharpe, Cat. Bds., XVII, p. 28,  
1892.)

**orientalis** (*Linn.*). (p. 33.)

Malay Peninsula  
Burmese provinces  
Cachar      Java  
Borneo      Sumatra  
Andaman and Nicobar Islands

Baslan      Mindoro  
Cagayancillo      Negros  
Calamianes      Palawan  
Calayan      Panaon  
Cebu      Panay  
Cuyo      Romblon  
Dinagat      Samar  
Fuga      Sibutu  
Guimaras      Sibuyan  
Leyte      Siquijor  
Luzon      Sulu  
Maestro de Tablas  
Campo      Tawi Tawi  
Marinduque      Ticao  
Masbate      Verde  
Mindanao

### Suborder HALCYONES.

#### Family ALCEDINIDÆ.

##### Subfamily ALCEDININÆ.

### PELARGOPSIS *Gloger.*

(Sharpe, Cat. Bds., XVII, p. 96,  
1892.)

**leucocephala** (*Gm.*).<sup>2</sup> (p. 98.)

Borneo

Palawan?

<sup>1</sup> A female *Batrachostomus*, probably referable to this species, was shot in Negros by Keay in April, 1899 (See Ibis, April, 1900, p. 353.)—WORCESTER.

<sup>2</sup> The Palawan record is based on Whitehead's collection; Sharpe, Ibis, 1888, p. 197; Whitehead records *P. gouldi* not *P. leucocephala*, Ibis, 1893, p. 45.—MCGREGOR.

**gouldi** *Sharpe*. (p. 100.)

|            |         |
|------------|---------|
| Balabac    | Luzon   |
| Calamianes | Mindoro |
| Lubang     | Palawan |

**gigantea** *Walden*. (p. 100.)

|          |           |
|----------|-----------|
| Basilan  | Negros    |
| Bongao   | Panay     |
| Cebu     | Samar     |
| Dinagat  | Sibutu    |
| Guimaras | Sibuyan   |
| Lapac    | Sulu      |
| Leyte    | Tablas    |
| Masbate  | Tawi Tawi |
| Mindanao | Ticao     |
| Malanipa |           |

### **ALCEDO** *Linn.*

(Sharpe, Cat. Bds., XVII, p. 141,  
1892.)

**bengalensis** *Briss.* (p. 141.)

|                       |               |
|-----------------------|---------------|
| Molucca Islands       |               |
| Malay Peninsula       |               |
| Indian Peninsula      |               |
| Burmese provinces     |               |
| Greater Sunda Islands |               |
| China                 | Hainan        |
| Europe                | Northern Asia |

|              |           |
|--------------|-----------|
| Balabac      | Masbate   |
| Basilan      | Mindanao  |
| Bohol        | Mindoro   |
| Cagayancillo | Negros    |
| Cagayan Sulu | Palawan   |
| Calamianes   | Panay     |
| Calayan      | Romblon   |
| Catanduanes  | Samar     |
| Cebu         | Sibuyan   |
| Cuyo         | Siquijor  |
| Guimaras     | Sulu      |
| Leyte        | Tablas    |
| Lubang       | Tawi Tawi |
| Luzon        | Verde     |

**meninting** *Horsf.* (p. 157.)

|                     |        |
|---------------------|--------|
| Sumatra             |        |
| Malay Peninsula     |        |
| Southern Tenasserim |        |
| Java                | Borneo |

|            |           |
|------------|-----------|
| Balabac    | Palawan   |
| Bongao     | Sulu      |
| Calamianes | Tawi Tawi |

### **ALCYONE** *Swains.*

(Sharpe, Cat. Bds., XVII, p. 167,  
1892.)

**cyanopectus** (*Lafr.*) (p. 185.)  
[*steerii* (*Sharpe*). (p. 187.)]

|            |         |
|------------|---------|
| Luzon      | Mindoro |
| Marinduque | Sibuyan |
| Masbate    | Ticao   |

**argentata** (*Tweedd.*). (p. 187.)

|         |          |
|---------|----------|
| Basilan | Mindanao |
| Dinagat |          |



*flumenicola* (Steere). (p. 187.)

Leyte

Samar

*nigrirostris* (Bourns & Worcester), Occ. Papers Minnesota Acad., I, No. 1, p. 13 (1894)..Cebu  
Negros

Panay

Subfamily **DACELONINÆ**.**CEYX** Lacép.

(Sharpe, Cat. Bds., XVII, p. 173, 1892.)

*melanura* Kaup. (p. 180.)

Luzon

*mindanensis* Steere. (p. 181, note.)  
[*basilanica* Steere.<sup>1</sup> (p. 181.)]

Basilan

Mindanao

*euerythra* Sharpe. (p. 179.)

Malay Peninsula

Sumatra

Borneo

Balabac

Palawan

Bongao

Sulu ?<sup>2</sup>

Calamianes

Tawi Tawi

Mindoro

*bournsi* Steere. (p. 185.)[*malamaui* Steere.<sup>3</sup> (p. 184.)]

Basilan

Romblon

Bongao

Sibuyan

Cebu

Siquijor

Malamaui

Sulu

Mindanao

Tablas

Negros

Tawi Tawi

*samarensis* Steere, List Bds. & Mams. Steere Exp., p. 10 (1890).

Leyte

Samar

<sup>1</sup> I have already recorded my opinion elsewhere that *C. basilanica* Steere is a synonym for *C. mindanensis* (Occ. Papers Minnesota Acad., No. 1, p. 457).—WORCESTER.

<sup>2</sup> *Ceyx euerythra* is recorded by Sharpe, Hand-List of Birds, p. 353, from the Sulu Islands. This species has been obtained on Bongao and Tawi Tawi, but so far as I can learn has not yet been met with on Sulu.—WORCESTER.

<sup>3</sup> As a result of the examination of a series of sixty-six specimens, Bourns and I reached the conclusion that *C. malamaui* Steere was a synonym of *C. bournsi* Steere. From the specimens collected by us it was possible to select a practically unbroken series between a bird with a magnificent deep-blue upper surface and a bird with a silvery white upper surface which had not a blue feather on it [Occ. Papers Minnesota Acad., I, No. 1, p. 47 (1894)].—WORCESTER.

**HALCYON Swains.**

(Sharpe, Cat. Bds., XVII, p. 213,  
1892.)

**coromandus** (*Lath.*). (p. 217.)

|                        |           |
|------------------------|-----------|
| Sangi Islands          |           |
| Liu Kiu Islands        |           |
| Malay Peninsula        |           |
| Eastern Himalayas      |           |
| Korea                  | Japan     |
| Formosa                | China     |
| Sumatra                | Celebes   |
| Java                   | Borneo    |
| Indo-Chinese countries |           |
| <hr/>                  |           |
| Calayan                | Mindoro   |
| Guimaras               | Palawan   |
| Luzon                  | Sibuyan   |
| Masbate                | Tawi Tawi |
| Mindanao               |           |

**gularis** (*Kuhl.*). (p. 227.)

|                  |          |
|------------------|----------|
| Basilan          | Mindanao |
| Cebu             | Mindoro  |
| Guimaras         | Negros   |
| Leyte            | Panaon   |
| Lubang           | Panay    |
| Luzon            | Samar    |
| Maestro de Campo | Siquijor |
| Marinduque       | Tablas   |
| Masbate          | Ticao    |
|                  | Verde    |

**pileatus** (*Bodd.*). (p. 229.)

|   |           |
|---|-----------|
| Ceylon  |           |
| Malay Peninsula                                       |           |
| Southern India to Canara                              |           |
| Java  | Borneo    |
| Sumatra   | Celebes   |
| Indo-Chinese countries to China<br>and north to Korea |           |
| <hr/>   |           |
| Balabac   | Palawan   |
| Basilan   | Tawi Tawi |

**winchelli** *Sharpe.* (p. 255.)

|          |           |
|----------|-----------|
| Basilan  | Samar     |
| Bongao   | Sibuyan   |
| Cebu     | Siquijor  |
| Mindanao | Sulu      |
| Negros   | Tablas    |
| Panay    | Tawi Tawi |
| Romblon  |           |



*chloris* (*Bodd.*). (p. 273.)

Molucca Islands  
 Tenimber Islands  
 Lesser Sunda Islands  
 Sula Islands    Celebes  
 Java            Sumatra  
 Mysol            Aru Islands

|                  |             |
|------------------|-------------|
| Basilan          | Marinduque  |
| Bohol            | Masbate     |
| Bongao           | Mindanao    |
| Cagayancillo     | Mindoro     |
| Cagayan Sulu     | Negros      |
| Calamianes       | Palawan     |
| Camiguin         | Panay       |
| Catanduanes      | Romblon     |
| Cebu             | Samar       |
| Cuyo             | Semirara    |
| Dinagat          | Sibay       |
| Fuga             | Sibuyan     |
| Guimaras         | Siquijor    |
| Leyte            | Sulu        |
| Lubang           | Tablas      |
| Luzon            | Tawi Tawi   |
| Maestro de Campo | Ticao Verde |

*hombroni* (*Bp.*). (p. 284.)

Mindanao

*lindsayi* (*Vig.*). (p. 286.)

Luzon

*moseleyi* *Steere.* (p. 288.)

Negros

## Suborder BUCEROTES.

### Family BUCEROTIDÆ.

#### HYDROCORAX *Briss.*

(Grant, Cat. Bds., XVII, p. 357,  
 1892.)

*hydrocorax* (*Linn.*). (p. 358.)

Luzon            Marinduque

*mindanensis* (*Tweedd.*). (p. 359.)

Basilan            Mindanao

*semigaleatus* (*Tweedd.*). (p. 360.)

Leyte            Samar  
 Panaon

#### ANTHRACOCEROS *Reichenb.*

(Grant, Cat. Bds., XVII, p. 361,  
 1892.)

*montani* (*Oust.*). (p. 370.)

Sulu            Tawi Tawi



**GYMNOLÆMUS** *Grant.*(Grant, Cat. Bds., XVII, p. 370,  
1892.)**lemprieri** *Sharpe.*[*marchei* Oust. (p. 370.) *Cf.* Everett,  
Ibis, 1895, p. 30.]Balabac Palawan  
Calamianes**PENELOPIDES** *Reichenb.*(Grant, Cat. Bds., XVIII, p. 371,  
1892.)**panini** (*Bodd.*). (p. 372.)Guimaras Panay  
Masbate Ticao  
Negros**manillæ** (*Bodd.*). (p. 373.)

Luzon Marinduque

**talisi** *Finsch*, Notes Leyden Mus., XXIII,  
No. 4, pp. 190-193 (1903).

Luzon (Cagayan)

**mindorensis** *Steere.* (p. 374.)

Mindoro

**affinis** *Tweedd.* (p. 375.)

Dinagat Mindanao

**basilanica** *Steere.* (p. 375.)

Basilan

**samarensis** *Steere.* (p. 376.)

Leyte Samar

**CRANORRHINUS** *Cab. & Heine.*(Grant, Cat. Bds., XVII, p. 377,  
1892.)**leucocephalus** (*Vieill.*). (p. 378.)

Camiguin Mindanao

**waldeni** *Sharpe.* (p. 380.)Guimaras Panay  
NegrosSuborder **MEROPES.**Family **MEROPIDÆ.****MEROPS** *Linn.*(Sharpe, Cat. Bds., XVII, p. 58,  
1892.)**americanus** *P. L. S. Müller*, Syst. Nat.

Suppl., p. 95 (1776); teste Sharpe.

[*bicolor* Bodd. (p. 60.)]Cagayancillo Masbate  
Calamianes Mindanao  
Catanduanes Mindoro  
Cebu Negros  
Cresta de Gallo  
Fuga Panay  
Guimaras Samar  
Leyte Semirara  
Lubang Sibuyan  
Luzon Tablas  
Marinduque



*philippinus* Linn. (p. 71.)

|                        |           |
|------------------------|-----------|
| Malayan Islands        |           |
| Malay Peninsula        |           |
| Indian Peninsula       |           |
| Indo-Chinese provinces |           |
| Ceylon                 | Celebes   |
| Basilan                | Mindoro   |
| Bazol                  | Negros    |
| Bohol                  | Panay     |
| Cebu                   | Samar     |
| Gulmaras               | Sibuyan   |
| Leyte                  | Siquijor  |
| Luzon                  | Sulu      |
| Masbate                | Tawi Tawi |
| Mindanao               |           |

### Suborder **CAPRIMULGI.**

### Family **CAPRIMULGIDÆ.**

### Subfamily **CAPRIMULGINÆ.**

### **LYNCORNIS** Gould.

(Hartert, Cat. Bds., XVI, p. 603; id.  
Tierr., p. 24.)

*macrotis* (Vig.). (p. 605.)  
[*mindanensis* Tweed. (l. c.)]

|         |          |
|---------|----------|
| Basilan | Mindanao |
| Luzon   | Mindoro  |

### **CAPRIMULGUS** Linn.

(Hartert, Cat. Bds., XVI, p. 521; id.  
Tierr., p. 37.)

*griseatus* Wald. (p. 550.)

|             |         |
|-------------|---------|
| Catanduanes | Negros  |
| Luzon       | Sibuyan |
| Mindoro     |         |

*mindanensis* (Mearns), Proc. Biol. Soc.  
Wash., XVIII, p. 85 (1905).

Mindanao

*manillensis* Wald. (p. 544.)

|          |         |
|----------|---------|
| Basilan  | Negros  |
| Luzon    | Palawan |
| Masbate  | Romblon |
| Mindanao | Ticao   |
| Mindoro  |         |

*macrurus* Horsf. (p. 537.)

Papuan Islands  
Northeastern Australia  
Greater Sunda Islands (Java)

|            |         |
|------------|---------|
| Calamianes | Palawan |
|------------|---------|

*jotaka* Temm. & Schl. (p. 552.)

Northeastern Siberia  
China Japan  
New Guinea (*winter*)  
Indo-Chinese provinces  
Malay Peninsula (*winter*)  
Greater Sunda Islands (*winter*)

|         |         |
|---------|---------|
| Calayan | Palawan |
|---------|---------|

Suborder **CYPSELL.**Family **MACROPTERYGIDÆ.****MACROPTERYX** *Swains.*

(Hartert, Cat. Bds., XVI, p. 512,  
1892; id. Tierreich, Lief. I, p. 63,  
1897.)

**major** *Hartert*, Nov. Zool., IV, p. 11, ex  
Dubois.

[*comata* *Temm.*; Cat. Bds., XVI, p. 512,  
pt.]

|            |           |
|------------|-----------|
| Basilan    | Negros    |
| Cebu       | Panay     |
| Guimaras   | Samar     |
| Luzon      | Sibutu    |
| Marinduque | Sulu      |
| Masbate    | Tablas    |
| Mindanao   | Tawi Tawi |
| Mindoro    |           |

Family **CYPSELIDÆ.**Subfamily **CHAETURINÆ.****SALANGANA** *Geoffr. St.-Hilaire.*

(*Collocalia* *Gray*; Hartert, Cat Bds.,  
XVI, p. 498, 1892; id. Tierr.,  
p. 66.)

**whiteheadi** *Grant*, Ibis, 1895, p. 459.  
(Tierr., p. 6.)

|              |         |
|--------------|---------|
| Cagayancillo | Sibuyan |
| Luzon        | Palawan |
| Mindanao     | Verde   |
| Mindoro      |         |

**lowi** (*Sharpe*). (p. 498.)

|                 |         |
|-----------------|---------|
| Northern Borneo |         |
| Nias Island     | Sumatra |
| Palawan         |         |

**fuciphaga** (*Thunb.*). (p. 498.)

Seychelles Islands  
Islands of western Polynesia  
Indo-Malayan and Papuan Is-  
lands

|          |         |
|----------|---------|
| Cebu     | Negros  |
| Luzon    | Palawan |
| Mindanao | Panay   |
| Mindoro  |         |

**francica** (*Gm.*). (p. 503.)

Mauritius  
Solomon Islands  
Molucca Islands  
Reunion Island  
Northern Australia  
Southern New Guinea  
Islands of western Polynesia

|              |        |
|--------------|--------|
| Cagayancillo | Cuyo   |
| Cagayan Sulu | Negros |
| Calamianes   | Panay  |



*inexpectata* Hume. (p. 505.)

Andaman Islands  
Southern Tenasserim  
Western Malay Peninsula

Cagayan Sulu

*troglodytes* Gray. (p. 507.)

|            |          |
|------------|----------|
| Cebu       | Negros   |
| Guimaras   | Palawan  |
| Leyte      | Panay    |
| Luzon      | Romblon  |
| Marinduque | Samar    |
| Masbate    | Sibuyan  |
| Mindanao   | Siquijor |
| Mindoro    |          |

*linchi* Horsf. & Moore. (p. 508.)

|                 |          |
|-----------------|----------|
| Sumatra         |          |
| Nicobar Islands |          |
| Andaman Islands |          |
| Malay Peninsula |          |
| Java            | Borneo   |
| Bongao          | Mindanao |
| Luzon           | Mindoro  |

*marginata* Salvad. (p. 508.)

[*cebuensis* Kutter, teste Dubois, Syn.  
Av., p. 130.]

|         |         |
|---------|---------|
| Calayan | Masbate |
| Cebu    | Mindoro |
| Luzon   | Sibuyan |

### CHÆTURA Steph.

(Hartert, Cat. Bds., XVI, p. 470,  
1892; id. Tierr., p. 70, 1897.)

*gigantea* (Temm.). (p. 475.)

|                 |         |
|-----------------|---------|
| Sumatra         |         |
| Malay Peninsula |         |
| Java            | Borneo  |
| Calamianes      | Palawan |

*celebensis* Scl. (p. 476.)

|         |        |
|---------|--------|
| Celebes |        |
| Basilan | Negros |

*dubia* McGregor, Govt. Lab. Publ. No. 34,  
p. 15, pl. xii (1905).

Mindoro

*picina* Tweedl. (p. 487.)

|       |          |
|-------|----------|
| Leyte | Mindanao |
|-------|----------|

### Subfamily CYPSELINÆ.

### TACHORNIS Gosse.

(Hartert, Cat. Bds., XVI, p. 462,  
1892.)

*pallidior* McGregor, Govt. Lab. Publ. No. 25,  
p. 27 (1904).

|       |       |
|-------|-------|
| Luzon | Ticao |
|-------|-------|

## Order TROGONES.

## Family TROGONIDÆ.

**PYROTROGON** *Bp.*, Consp. Av., Zygod. p. 14  
(1854).

[*Harpactes* Swains. (nec. Templeton);  
Grant, Cat. Bds., XVII, p. 480, 1892. *Cf.*  
Oberholser, Proc. Philad. Acad., 1899, p.  
206.]

**ardens** (*Temm.*). (p. 487.)

Basilan  
Dinagat  
Leyte  
Luzon

Marinduque  
Mindanao  
Samar

## Suborder CUCULI.

## Family CUCULIDÆ.

## Subfamily CUCULINÆ.

**COCCYSTES** *Gloger.*

(Shelley, Cat. Bds., XIX, p. 211,  
1891.)

**coromandus** (*Linn.*). (p. 214.)

Malay Peninsula  
Burmese countries  
Sumatra            Borneo  
Java                Celebes  
Indian Peninsula and Ceylon  
Southern and central China

Mindanao            Siquijor  
Palawan

**SURNICULUS** *Less.*

(Shelley, Cat. Bds., XIX, p. 226,  
1891.)

**lugubris** (*Horsf.*). (p. 227.)

South China  
Malay Peninsula  
Indian Peninsula  
Burmese provinces  
Java                Borneo  
Ceylon              Sumatra

Balabac            Palawan

**velutinus** *Sharpe.* (p. 230.)

Basilan            Negros  
Luzon                Samar  
Malamaul            Sulu  
Mindanao            Tawi Tawi  
Mindoro



**HIEROCOCCYX** *S. Müll.*(Shelley, Cat. Bds., XIX, p. 231,  
1891.)**sparveroides** (*Vig.*). (p. 232.)

|                   |         |
|-------------------|---------|
| Borneo            |         |
| Eastern Siberia   |         |
| Malay Peninsula   |         |
| Indian Peninsula  |         |
| Burmese provinces |         |
| Japan             | China   |
| Calamianes        | Negros  |
| Luzon             | Palawan |

**fugax** (*Horsf.*). (p. 236.)

Greater Sunda Islands (Sumatra, Java, Borneo)

|              |          |
|--------------|----------|
| Basilan      | Mindanao |
| Cagayancillo | Mindoro  |
| Cebu         | Sulu     |
| Luzon        |          |

**CUCULUS** *Linn.*(Shelley, Cat. Bds., XIX, p. 240,  
1891.)**micropterus** *Gould.* (p. 241.)

|                   |         |
|-------------------|---------|
| Sumatra           |         |
| Malay Peninsula   |         |
| Indian Peninsula  |         |
| Andaman Islands   |         |
| Burmese provinces |         |
| Ceylon            | Java    |
| China             | Borneo  |
| Japan             | Ternate |

Negros

**canorus** *Linn.* (p. 245.)

Africa (*winter*)  
Europe and northern Asia  
Indian Peninsula (*winter*)  
Malayan subregion to Australia  
(*winter*)

|         |          |
|---------|----------|
| Calayan | Siquijor |
| Palawan |          |

**saturatus** *Hodgs.*[*intermedius* Vahl. (p. 252.) Cf. Blanf.,  
Faun. Brit. Ind., Birds, III, p. 207  
(1895).]

|                        |             |
|------------------------|-------------|
| Eastern Siberia        |             |
| Indian Peninsula       |             |
| Andaman Islands        |             |
| Malay Archipelago      |             |
| Burmese provinces      |             |
| Northeastern Australia |             |
| Japan                  | China       |
| New Guinea             | New Britain |

|          |         |
|----------|---------|
| Mindanao | Palawan |
|----------|---------|

**PENTHOCERYX** *Cab.*(Cuculus, pt., Shelley, Cat. Bds.,  
XIX, p. 262, 1891.)**sonnerati** *Lath.* (p. 262.)

|                   |         |
|-------------------|---------|
| Malay Peninsula   |         |
| Indian Peninsula  |         |
| Burmese provinces |         |
| Java              | Borneo  |
| Ceylon            | Sumatra |
| Calamianes        | Tablas  |
| Palawan           | Timor   |

**CACOMANTIS** *S. Müll.*(Shelley, Cat. Bds., XIX, p. 265,  
1891.)**merulinus** (*Scop.*). (p. 268.)

|                        |         |
|------------------------|---------|
| Sumatra                |         |
| Malay Peninsula        |         |
| Burmese provinces      |         |
| Eastern Himalayas      |         |
| Northeastern Bengal    |         |
| Central India (Ruipor) |         |
| Borneo                 | Java    |
| Ternate                | Celebes |

|              |           |
|--------------|-----------|
| Balabac      | Masbate   |
| Basilan      | Mindanao  |
| Bohol        | Mindoro   |
| Bongao       | Negros    |
| Cagayancillo | Palawan   |
| Calamianes   | Panay     |
| Catanduanes  | Samar     |
| Cebu         | Sulu      |
| Leyte        | Tablas    |
| Lubang       | Tawi Tawi |
| Luzon        | Ticao     |

**CHALCOCOCCYX** *Cab.*(Shelley, Cat. Bds., XIX, p. 288,  
1891.)**xanthorhynchus** (*Horsf.*). (p. 289.)

|                        |         |
|------------------------|---------|
| Nicobar Islands        |         |
| Andaman Islands        |         |
| Malay Peninsula        |         |
| Indo-Chinese provinces |         |
| Java                   | Borneo  |
| Assam                  | Sumatra |

|         |         |
|---------|---------|
| Cebu    | Palawan |
| Mindoro | Samar   |

**malayanus** (*Raffl.*). (p. 298.)

|                    |         |
|--------------------|---------|
| New Guinea         |         |
| Solomon Islands    |         |
| Malay Peninsula    |         |
| Northern Australia |         |
| Borneo             | Timor   |
| Java               | Flores  |
| Sumatra            | Celebes |

|                      |           |
|----------------------|-----------|
| Bongao               | Negros    |
| Luzon ? <sup>1</sup> | Tawi Tawi |
| Mindanao             |           |

**EUDYNAMIS** *Vig. & Horsf.*(Shelley, Cat. Bds., XIX, p. 315,  
1891.)**honorata** (*Linn.*). (p. 315.)

|                   |        |
|-------------------|--------|
| Malay Peninsula   |        |
| Andaman Islands   |        |
| Indian Peninsula  |        |
| Burmese provinces |        |
| Ceylon            | Java   |
| Sumatra           | Flores |
| China             | Borneo |

|         |
|---------|
| Palawan |
|---------|

<sup>1</sup> Cf. Sharpe's Hand-List of Birds, Vol. II, p. 162, 1900.—WORCESTER.



*mindanensis* (Linn.). (p. 321.)

Sangi Islands

|              |           |
|--------------|-----------|
| Basilan      | Mindoro   |
| Bongao       | Negros    |
| Cagayancillo | Palawan   |
| Calayan      | Panay     |
| Cebu         | Romblon   |
| Cuyo         | Samar     |
| Fuga         | Semirara  |
| Guimaras     | Sibutu    |
| Leyte        | Sibuyan   |
| Luzon        | Siquijor  |
| Malanipa     | Sulu      |
| Marinduque   | Tablas    |
| Masbate      | Tawi Tawi |
| Mindanao     | Ticao     |
| Calayan      | Fuga      |

*frater* McGregor, Bull. Philippine Mus., No. 4, p. 21 (1904).

Subfamily CENTROPODINÆ.

**CENTROPUS** Illiger.

(Shelley, Cat. Bds., XIX, p. 331, 1891.)

*mindorensis* (Steere). (p. 339.)

Mindoro Semirara

*steerii* Bourns & Worcester, Occ. Papers Minnesota Acad., I, No. 1, p. 14 (1894).

Mindoro

*sinensis* (Steph.). (p. 343.)

Malay Peninsula  
Burmese countries  
India Java  
China Borneo  
Ceylon Sumatra

*viridis* (Scop.). (p. 349.)

Balabac Palawan  
Cagayan Sulu Sulu  
Luzon Tawi Tawi  
Basilan Masbate  
Bohol Mindanao  
Cagayancillo Mindoro  
Calayan Negros  
Catanduanes Panay  
Cebu Romblon  
Dinagat Samar  
Fuga Siasi  
Guimaras Sibuyan  
Leyte Siquijor  
Lubang Sulu  
Luzon Tablas  
Marinduque Ticao

*javanicus* (Dumont). (p. 354.)

Sumatra  
Molucca Islands  
Malay Peninsula  
Assam Java  
Burma Borneo  
China Celebes

Bohol Palawan  
Calamianes Panay  
Cebu Samar  
Luzon Semirara  
Mindanao Siquijor  
Mindoro Sulu  
Negros Tawi Tawi



*melanops* Less. (p. 365.)

|          |       |
|----------|-------|
| Basilan  | Nipa  |
| Leyte    | Samar |
| Mindanao |       |

*unirufus* (Cab. & Heine). (p. 367.)

Luzon

Subfamily **PHENICOPHAINÆ**.**DRYOCOCCYX** Sharpe.

(Shelley, Cat. Bds., XIX, p. 400, 1891.)

*harringtoni* Sharpe. (p. 400.)

|            |         |
|------------|---------|
| Balabac    | Palawan |
| Calamianes |         |

**DASYLOPHUS** Swains.

(Shelley, Cat. Bds., p. 403, 1891.)

*superciliosus* (Cuv.). (p. 403.)

|             |            |
|-------------|------------|
| Catanduanes | Marinduque |
| Luzon       |            |

**LEPIDOGRAMMUS** Reichenb.

(Shelley, Cat. Bds., p. 404, 1891.)

*cumingi* (Fraser). (p. 404.)

|       |            |
|-------|------------|
| Luzon | Marinduque |
|-------|------------|

Order **SCANSORES**.Suborder **CAPITONES**.Family **CAPITONIDÆ**.**XANTHOLÆMA** Bp.

(Shelley, Cat. Bds., XIX, p. 88, 1891.)

*hæmatocephalum* (P. L. S. Müll.). (p. 89.)

|                   |         |
|-------------------|---------|
| Malay Peninsula   |         |
| Indian Peninsula  |         |
| Burmese provinces |         |
| Ceylon            | Sumatra |

|                           |          |
|---------------------------|----------|
| Calamianes ? <sup>1</sup> | Mindanao |
| Leyte                     | Mindoro  |
| Luzon                     | Samar    |

*roseum* (Dumont). (p. 96.)

|      |         |
|------|---------|
| Bali | Sumatra |
| Java |         |

|          |         |
|----------|---------|
| Cebu     | Negros  |
| Guimaras | Romblon |
| Masbate  |         |

<sup>1</sup> A barbet, probably *X. hæmatocephalum*, was observed by me in the Calamianes Islands in 1893, but was, unfortunately, not obtained.—WORCESTER.



## Order PICIFORMES.

## Suborder PICI.

## Family PICIDÆ.

## Subfamily PICINÆ.

**YUNGIPICUS** *Bp.*

(Hargitt, Cat. Bds., XVIII, p. 309,  
1890.)

|   |                                |                       |
|---|--------------------------------|-----------------------|
| <b>maculatus</b> ( <i>Scop.</i> ). (p. 332.)  | Cebu<br>Guimaras               | Negros<br>Panay       |
| <b>fulvifasciatus</b> <i>Hargitt.</i> (p. 333.)<br>[ <i>basilanicus</i> Steere, List Bds. & Mams.<br>Steere Exp., p. 9 (1890).] | Basilan                        | Mindanao              |
| <b>menagei</b> <i>Bourns &amp; Worcester</i> , Occ. Papers<br>Minnesota Acad., 1, No. 1, p. 14 (1894.)                          | Sibuyan                        |                       |
| <b>ramsayi</b> <i>Hargitt.</i> (p. 334.)  | Bongao<br>Sulu                 | Tawi Tawi             |
| <b>validirostris</b> ( <i>Blyth.</i> ). (p. 332.)   | Catanduanes<br>Lubang<br>Luzon | Marinduque<br>Mindoro |
| <b>leytensis</b> <i>Steere</i> , List Bds. & Mams. Steere<br>Exp., p. 9 (1890).   | Leyte                          | Samar                 |

**TIGA** *Kaup.*

(Hargitt, Cat. Bds., XVIII, p. 411,  
1890.)

|  |                       |         |
|--|-----------------------|---------|
| <b>everetti</b> <i>Tweedd.</i> (p. 418.) | Balabac<br>Calamianes | Palawan |
|--|-----------------------|---------|

**CHRYSOCOLAPTES** *Blyth.*

(Hargitt, Cat. Bds., XVIII, p. 442,  
1890.)

|  |                               |                |
|--|-------------------------------|----------------|
| <b>erythrocephalus</b> <i>Sharpe.</i> (p. 452.)            | Balabac<br>Calamianes         | Palawan        |
| <b>hæmatribon</b> ( <i>Wagl.</i> ). (p. 454.)              | Luzon                         | Marinduque     |
| <b>lucidus</b> ( <i>Scop.</i> ). (p. 455.)                 | Basilan                       | Mindanao       |
| <b>rufopunctatus</b> <i>Hargitt.</i> (p. 457, pl. xii.)    | Leyte<br>Panaon               | Samar          |
| <b>xanthocephalus</b> <i>Wald. &amp; Layard.</i> (p. 457.) | Guimaras<br>Masbate<br>Negros | Panay<br>Ticao |

**MICROSTICTUS** *Hargitt.*

(Hargitt, Cat. Bds., p. 489, 1890.)

**fuliginosus** (*Twcedd.*). (p. 492.)Leyte  
Mindanao

Samar

**funebis** (*Valenc.*). (p. 492.)Catanduanes  
Luzon

Marinduque

**MULLERIPICUS** *Bp.*<sup>1</sup>[*Hemilophus* Swains. (*nec* Serville),  
Hargitt, Cat. Bds., XVIII, p. 494,  
1890, *Cf.* Oberholser, Proc. Philad.  
Acad., 1899, p. 204.]**pulverulentus** (*Temm.*). (p. 494.)Sumatra  
Cochin China  
Malay Peninsula  
Burmese provinces  
Northwestern India  
Java  
Borneo  
Himalayas (Kumaun to Assam)Balabac  
Palawan**THRIPONAX**<sup>2</sup> *Cab. & Heine, XVIII.*

(Hargitt, Cat. Bds., p. 497, 1890.)

**javensis** (*Horsf.*). (p. 498.)[*suluensis* W. Blasius, J. f. O. 1890,  
p. 140.]Malay Peninsula  
Southern Tenasserim  
Sumatra  
Banka  
Java  
BorneoBasilan  
Bongao  
Cebu  
Lapac  
Luzon  
Mindanao  
Sulu  
Surigao  
Tawi Tawi**pectoralis** *Twcedd.* (p. 500, pl. xviii.)Leyte  
Panaon

Samar

<sup>1</sup> Sharpe adopts *Alophonerpes* Reichenb., rejecting the earlier name *Mulleripicus* because of its bad formation.—MCGREGOR.<sup>2</sup> Much uncertainty exists as to the distribution of the Philippine species of the genus *Thriponax*. Sharpe, in his Hand-List of Birds, includes *T. javensis* (*Horsf.*) from Luzon, Negros, Mindanao, and Basilan; *T. suluensis* W. Blasius from Sulu; *T. pectoralis* *Twcedd.* from Leyte and Panaon; *T. philippensis* *Steere* from Panay, Guimaras, and Masbate; *T. hargitti* *Sharpe* from Palawan, and *T. mindorensis* *Steere* from Mindoro. This arrangement leaves entirely out of account the Samar bird, which is undoubtedly typical *T. pectoralis*, as well as the Bongao, Tawi Tawi, and Cebu representatives of the genus.Sharpe has himself identified three specimens from Bongao and Tawi Tawi as *T. javensis* (*Ibis*, Apr., 1894, p. 249), and the specimens collected in Tawi Tawi by Bourns and myself were by us referred to this species [*Oec. Papers* Minnesota Acad., I, No. 1, p. 36 (1894)].



**hargitti** Sharpe. (p. 505.)

[*philippensis* Steere, List Bds. & Mams.  
Steere Exp., p. 8 (1890).]

Guimaras  
Masbate  
Negros

Panay  
Palawan

**mindorensis** Steere, List Bds. & Mams. Mindoro  
Steere Exp., p. 8 (1890).

The name *T. suluensis* has been given to the Sulu representatives of the genus by W. Blasius (J. f. O. 1890, p. 140), who bases his determination on five specimens collected by Platen. He separates *T. suluensis* from *T. javensis* on the ground that the bills and wings of the Sulu birds are shorter than are those of typical representatives of *T. javensis*. If the latter species, which ranges through Borneo, Bongao, Tawi Tawi, and Lapac, really gives way in Sulu to a distinct species only to reappear again in Basilan and Mindanao, it would be remarkable, although perhaps not more remarkable than that *T. javensis* of Mindanao should be replaced by *T. pectoralis* in Panaon, Leyte, and Samar, and should reappear in Luzon. In point of fact, Bourns and I were quite unable to differentiate our Sulu specimens from typical *T. javensis*, and I must therefore decline to recognize *T. suluensis* of Blasius as a valid species.

The question presented by the central Philippine representatives of the genus can not be so readily disposed of. Dr. Steere separated the birds from Guimaras and Masbate under the name of *T. philippensis*, differentiating them from *T. javensis* on the strength of their possessing buffy white rumps and cheeks largely scarlet [List Bds. & Mams. Steere Exp., p. 8 (1890)]. Bourns and I assigned our Panay specimens to this species, which we described somewhat more fully than did Steere [Occ. Papers Minnesota Acad., 1, No. 1, p. 53 (1894)].

Later, however, in preparing our distribution list, having noted that Hargitt, in Volume XVIII of the Catalogue of Birds, did not recognize *T. philippensis*, we discarded the species and recorded all the central Philippine representatives of the genus, including our Negros specimens, under *T. javensis*.

William Eagle Clark unhesitatingly identified an adult male bird collected in Negros by Keay as *T. hargitti* (Ibis, Oct., 1894, p. 534). In Ibis, Oct., 1895, p. 474, Clarke quotes Hargitt's views as to the identity of this specimen. Hargitt failed to reach any definite conclusion, but suggested that it resembled *T. philippensis* more closely than *T. hargitti*, and added that he regarded the only other specimen that he had seen from Negros as *T. javensis*.

Grant (Ibis, Oct., 1894, p. 473) asserts that *T. philippensis* Steere is identical with *T. hargitti* Sharpe, and later reiterates this statement (Ibis, Oct., 1896, p. 558), but adds to our confusion by saying that the bird from Negros recorded by Hargitt under the name of *T. javensis* (Cat. Bds., XVIII, p. 500, specimen X) should, in his opinion, be referred to *T. pectoralis*, all the feathers of its breast being widely margined with whitish buff. Finally Clark (Ibis, Jan., 1898, p. 121) identifies three additional specimens from Negros as *T. hargitti*.

As above noted, Sharpe, in his Hand-List of Birds, refers the Negros birds to *T. javensis* and retains Steere's *T. philippensis*, to which species he refers the birds from Panay, Guimaras, and Masbate.

The question of the identity of the central Philippine representatives of the genus can hardly be satisfactorily settled without comparing a good series of specimens with a similar series from Palawan. Meanwhile, in view of Grant's positive statement that the types of *T. hargitti* and *T. philippensis* have been compared and agree in all particulars, I refer the central Philippine representatives of the genus to this species.—WORCESTER.



## Order EURYLÆMIFORMES.

## Family EURYLÆMIDÆ.

## Subfamily EURYLÆMINÆ.

**SARCOPHANOPS** *Sharpe*.(Selater, Cat. Bds., XIV, p. 462,  
1888.)

|   |                    |          |
|---|--------------------|----------|
| <b>steerei</b> <i>Sharpe</i> . (p. 462.)  | Basilan<br>Dinagat | Mindanao |
| <b>samarensis</b> <i>Steere</i> , List Bds. & Mams. Steere<br>Exp., p. 23 (1890). | Leyte              | Samar    |

## Order PASSERIFORMES.

## Suborder MESOMYODI.

## Family PITTIDÆ.

**PITTA** *Vieill.*(Selater, Cat. Bds., XIV, p. 413,  
1888.)

|   |  |   |
|---|--|---|
| <b>erythrogaster</b> <i>Temm.</i> (p. 432.) | Basilan<br>Bongao<br>Cagayancillo<br>Calamianes<br>Cebu<br>Guimaras<br>Lubang<br>Luzon<br>Marinduque<br>Masbate<br>Mindanao<br>Mindoro | Palawan<br>Panay<br>Romblon<br>Samar<br>Sibutu<br>Sibuyan<br>Siquijor<br>Sulu<br>Tablas<br>Tawi Tawi<br>Ticao |
| <b>propinqua</b> <i>Sharpe</i> . (p. 433.)  | Palawan  |   |
| <b>kochi</b> <i>Brüggem.</i> (p. 433.)      | Luzon  |   |
| <b>atricapilla</b> <i>Less.</i> (p. 438.)   | Balabac<br>Basilan<br>Bongao<br>Calamianes<br>Cebu<br>Luzon<br>Marinduque<br>Mindanao<br>Mindoro<br>Negros                             | Palawan<br>Romblon<br>Samar<br>Semirara<br>Sibuyan<br>Siquijor<br>Sulu<br>Tablas<br>Tawi Tawi                 |
| <b>mülleri</b> <i>Bp.</i> (p. 439.)         | Banka<br>Borneo<br><br>Sibutu  | Sumatra   |
| <b>steeri</b> <i>Sharpe</i> . (p. 442.)     | Samar  | Mindanao  |



Suborder **ACROMYODI.**Family **HIRUNDINIDÆ.**Subfamily **HIRUNDININÆ.****CHELIDONARIA** *Reichenow.*

(Reichenow, J. f. O. 1889, p. 187.)

(*Chelidon* Boie (*nec* Forst.);

Sharpe, Cat. Bds., X, p. 85, 1885.)

**dasypus** (*Bp.*). (p. 91.)

Japan

Borneo (*winter*)

Calayan

**CLIVICOLA** *Forster.*

(Cotile Boie; Sharpe, Cat. Bds., X,

p. 96, 1885.)

**riparia** (*Linn.*). (p. 96.)

Northern Asia

Africa (*winter*)

Northern America

Europe China

Indian Peninsula (*winter*)Indo-Burmese countries (*winter*)Central and southern America  
(*winter*)

Calayan

**sinensis** (*J. E. Gray*). (p. 104.)

Formosa

Southern China

Indian Peninsula (*winter*)Indo-Chinese countries (*winter*)Luzon (*winter*)**HIRUNDO** *Schaeffer* (ex Linn.)

(Sharpe, Cat. Bds., X, p. 123, 1885;

Sharpe, &amp; Wyatt, Monogr. Hi-

rund., I, p. 209.)

**rustica** *Linn.* (p. 128.)

Europe

Northern Asia

Africa (*winter*)

Indian Peninsula

Manchuria China

Indo-Chinese provinces

Malay Peninsula (*winter*)

Mindanao

Palawan



*gutturalis Scop.* (p. 134.)

Malay Peninsula  
 Malay Archipelago  
 Indo-Chinese provinces  
 Southern China (*winter*)  
 Central and eastern Siberia  
 Northern Australia (*winter*)  
 Kamtchatka      China  
 Japan              New Guinea

---

Basilan              Mindanao  
 Cagayan Sulu      Mindoro  
 Calayan              Palawan  
 Cuyo                  Panay  
 Fuga                  Semirara  
 Guimaras           Sibay  
 Luzon                Siquijor  
 Maestro de Sulu  
     Campo            Ticao

*javanica Sparrm.* (p. 142.)

New Guinea  
 Southern India  
 Molucca Islands  
 Malay Peninsula  
 Islands of Torres Straits  
 Java                  Borneo  
 Ceylon                Sumatra

---

Basilan              Mindanao  
 Bohol                Mindoro  
 Cagayan Sulu      Negros  
 Calamianes        Palawan  
 Catanduanes      Panay  
 Cebu                  Romblon  
 Cuyo                  Samar  
 Dinagat            Sibutu  
 Guimaras           Sibuyan  
 Leyte                Siquijor  
 Lubang              Sulu  
 Luzon                Tawi Tawi  
 Marinduque        Ticao  
 Masbate

*striolata Boie.* (p. 161.)

Formosa  
 Southern China  
 Burmese provinces  
 Java                  Flores  
 Assam                Cachar

---

Calayan              Masbate  
 Luzon

## Family MUSCICAPIDÆ.

**HEMICHELIDON** *Hodgs.*

(Sharpe, Cat. Bds., IV, p. 111, 1879.)

*sibirica (Gm.).* (p. 120.)

Japan  
 China (*winter*)  
 Eastern Siberia  
 Altai Mountains

---

Palawan



**griseisticta** (*Swinh.*). (p. 153.)

New Guinea  
Celebes (*winter*)  
Ussuri Land (*Sidemi*)  
Molucca Islands. (*Winter*:  
Batchian, Halmahera, Moro-  
tai, Ceram)

| Japan        | China     |
|--------------|-----------|
| Cagayancillo | Masbate   |
| Cagayan Sulu | Mindoro   |
| Calamianes   | Negros    |
| Calayan      | Palawan   |
| Catanduanes  | Panay     |
| Cuyo         | Siquijor  |
| Lubang       | Tawi Tawi |
| Luzon        |           |

**ferruginea** *Hodgs.* (p. 132.)

[*cinereiceps* Sharpe, *Ibis*, 1887, p. 141;

*Cf.* Sharpe, *Ibis*, 1894, p. 541.]

Khasi Hills  
Southern China  
Northern Borneo  
Burmese provinces  
Eastern Himalayas (Nepal, Si-  
khim)

| Assam | Sumatra |
|-------|---------|
|-------|---------|

Palawan

### **ALSEONAX** *Cab.*

(Sharpe, *Cat. Bds.*, IV, p. 126, 1879.)

**latirostris** (*Raffles*). (p. 127.)

Ceylon  
Indian Peninsula  
Burmese provinces  
Greater Sunda Islands  
Molucca Islands (Buru)  
Eastern Siberia (Sakalin)  
Japan

China

|                       |                     |
|-----------------------|---------------------|
| Bongao ? <sup>1</sup> | Sulu ? <sup>1</sup> |
| Negros                |                     |

### **CYORNIS** *Blyth.*

(*Siphia*, pt., Sharpe, *Cat. Bds.*, IV,  
p. 441, 1879). [*Cf.* Oates, *Faun.*  
*Brit. Ind.*, *Birds*, II, p. 11  
(1890).]

**herioti** *Wardlaw-Ramsay*, *Ibis*, 1886, p. 159  
(♀).

[*enganensis* Grant, *Bull. B. O. C.*, IV,  
p. ii (1895). *Cf.* Sharpe, *Bull. B. O.*  
*C.*, XI, p. 60 (1901).]

Luzon

**banyumas** (*Horsf.*). (p. 449.)

Java

|                   |
|-------------------|
| Luzon (Mariveles) |
| Palawan           |

<sup>1</sup> Sharpe records *A. latirostris* from Bongao and Sulu [*Hand-List of Birds*, Vol. III, p. 206 (1901)]. In his list of the birds of the Sulu Archipelago published in *Ibis*, April, 1894, pp. 257-259, he does not include this species.

|  |            |           |
|--|------------|-----------|
| <b>philippinensis</b> Sharpe. (p. 450.)      | Basilan    | Panay     |
| [= <i>simplex</i> Blyth, Ibis, 1870, p. 165, | Bongao     | Romblon   |
| teste Finsch in litt.]                       | Cebu       | Samar     |
|  | Dinagat    | Semirara  |
|  | Guimaras   | Sibutu    |
|  | Leyte      | Sibuyan   |
|  | Luzon      | Siquijor  |
|  | Marinduque | Sulu      |
|  | Masbate    | Tablas    |
|  | Mindanao   | Tawi Tawi |
|  | Mindoro    | Ticao     |
|  | Negros     |           |

|   |            |         |
|---|------------|---------|
| <b>lemprieri</b> Sharpe, Ibis, 1884, p. 319.        | Balabac    | Palawan |
| [ <i>ramsayi</i> W. Blasius, Ornith., 1888, p. 308. | Calamianes |         |
| Cf. Everett, Ibis, 1895, p. 25.]                    |            |         |

|   |         |
|---|---------|
| <b>erythaca</b> Sharpe, Ibis, 1888, p. 199.       | Palawan |
| [ <i>platenæ</i> Blasius, Ornith., 1888, p. 308.] |         |

### MUSCICAPULA Blyth.

(Sharpe, Cat. Bds., IV, p. 203, 1879.)

[*Dendrobiastes* Sharpe, Tr. Linn. Soc., (2)  
I, p. 332 (1876).]

|   |  |          |
|---|--|----------|
| <b>samarensis</b> Bourns & Worcester, Occ. Papers<br>Minnesota Acad., I, p. 24 (1894).                      | Samar  |          |
| <b>luzoniensis</b> Grant, Ibis, 1894, p. 505.   | Calayan                                      | Mindoro  |
|   | Luzon  | Negros ? |
| <b>nigrorum</b> Whitehead, Bull. B. O. C. vi, p.<br>xliii (1897).   | Negros                                       |          |
| <b>montigena</b> Mcarns, Proc. Biol. Soc. Wash.,<br>XVIII, p. 8 (1905).                                     | Mindanao                                     |          |
| <b>basilanica</b> Sharpe, Tr. Linn. Soc., 2d ser. i, p.<br>332 (1876).                                      | Basilan                                      | Mindanao |
| [ <i>mindanensis</i> W. Blasius, J. f. O. 1890,<br>p. 147. Cf. Sharpe, Bull. B. O. C. xi,<br>p. 60 (1901).] |  |          |
| <b>westermanni</b> Sharpe, P. Z. S., 1888, p. 270.  | Malay Peninsula (Mountains of<br>Perak)      |          |
|   | Mountains of northwestern Borneo and Celebes |          |
|   | Luzon  | Negros   |
|   | Mindanao                                     |          |

### GERYGONE Gould.

(Sharpe, Cat. Bds., IV, p. 211, 1879.)

|  |                       |                     |
|--|-----------------------|---------------------|
| <b>simplex</b> Cab. (p. 214.)  | Lubang                | Mindoro             |
|  | Luzon                 | Verde               |
| <b>rhizophoræ</b> Mearns, Proc. Biol. Soc. Wash.,<br>XVIII, p. 7 (1905). | Bongao ? <sup>1</sup> | Sulu ? <sup>1</sup> |
|  | Mindanao              |                     |

<sup>1</sup> Sulu and Bongao birds probably belong to the race *rhizophoræ*. Guillemard refers his Sulu birds to *flavcola*. Cf. P. Z. S., 1885, p. 263.—McGREGOR.



**XANTHOPYGIA** *Blyth.*

(Sharpe, Cat. Bds., IV, p. 249, 1879.)

*narcissina* (*Temm.*). (p. 249.)

|                 |                   |
|-----------------|-------------------|
| Japan           | Chiua             |
| Northern Borneo | ( <i>winter</i> ) |
| Mindanao        | Mindoro           |

**CYANOPTILA** *Blyth.*(*Xanthopygia* pt., Sharpe, Cat. Bds., IV, p. 249, 1879.)*bella* (*A. Hay*). (p. 251.)[*Muscicapa cyanomelana* *Temm.*, nec *M. cyanomelas* *Vieill.*][*Cf. Stejn.*, Pr. U. S. Nat. Mus., xv, p. 328 (1892).]

|                           |
|---------------------------|
| Northwestern Borneo       |
| Japan                     |
| China                     |
| Indo-Chinese countries    |
| Palawan ( <i>winter</i> ) |

**HYPOTHYMIS** *Boie.*

(Sharpe, Cat. Bds., IV, p. 273, 1879.)

*occipitalis* (*Vig.*). (p. 275.)

|                 |           |
|-----------------|-----------|
| Nicobar Islands |           |
| Malay Peninsula |           |
| Java            | Flores    |
| Formosa         | Hainan    |
| Borneo          | Lombok    |
| Basilan         | Mindoro   |
| Bohol           | Negros    |
| Bongao          | Palawan   |
| Calamianes      | Panay     |
| Cebu            | Romblon   |
| Gulmaras        | Samar     |
| Leyte           | Sibutu    |
| Lubang          | Sibuyan   |
| Luzon           | Siquijor  |
| Maestro de Sulu |           |
| Campo           | Tablas    |
| Malanipa        | Tawi Tawi |
| Marinduque      | Ticao     |
| Masbate         | Verde     |
| Mindanao        |           |

*superciliaris* *Sharpe.* (p. 278.)

|         |          |
|---------|----------|
| Basilan | Mindanao |
|---------|----------|

*samarensis* *Steerc*, List Bds. & Mams. Philippine Exp., p. 16 (1890).

|       |       |
|-------|-------|
| Leyte | Samar |
|-------|-------|

**CYANOMYIAS** *Sharpe.*

(Sharpe, Cat. Bds., IV, p. 273, 1879.)

*coelestis* (*Tweedd.*). (p. 278.)

|         |          |
|---------|----------|
| Basilan | Mindanao |
| Dinagat | Sibuyan  |
| Luzon   |          |

*helenæ* *Steere*, List Bds. & Mams. Philippine Exp., p. 16 (1890).

|       |
|-------|
| Samar |
|-------|

**RHIPIDURA** *Vig. & Horsf.*

(Sharpe, Cat. Bds., IV, p. 303, 1879.)

[*Cf.* Büttik. Notes Leyden

Mus., xv, p. 65 (1893).]

**cyaniceps** (*Cass.*). (p. 323.)

Luzon

**sauli** *Bourns & Worcester*, Oec. Papers Minnesota Acad., I, No. 1, p. 26 (1894).

Tablas

**nigrocinnamomea** *Hartert*, Bull. B. O. C., XIV, p. 12 (1903).

Mindanao

**albiventris** *Sharpe*. (p. 324.)Guimaras  
Masbate  
Negros  
Panay  
Ticao**nigritorquis** *Vig.* (p. 334.)Basilan  
Bohol  
Bongao  
Calamianes  
Cebu  
Cuyo  
Dinagat  
Guimaras  
Lubang  
Luzon  
Marinduque  
Masbate  
Mindanao  
Mindoro  
Negros  
Palawan  
Panay  
Romblon  
Samar  
Siasi  
Sibuyan  
Siquijor  
Sulu  
Tablas  
Tawi Tawi  
Ticao  
Verde**ZEOCEPHUS** *Bp.*

(Sharpe, Cat. Bds., IV, p. 342, 1879.)

**rufus** (*Gray*). (p. 343.)Cebu  
Lubang  
Luzon  
Marinduque  
Mindoro  
Negros  
Panay  
Romblon  
Samar  
Sibuyan  
Tablas**cinnamomeus** *Sharpe*. (p. 343.)Basilan  
Bongao  
Mindanao  
Sulu  
Tawi Tawi**cyanescens** *Sharpe*. (p. 343.)Calamianes  
Palawan**CALLAEOPS** *Grant.*

(Grant, Bull. B. O. C., IV, pp. xviii,

xxii, 1895.)

**periophthalmica** *Grant.* (l. c.)

Luzon



**TERPSIPHONE** *Gloger.*

(Sharpe, Cat. Bds., IV, p. 344, 1879.)

*affinis* (*Blyth.*). (p. 349.)

|                        |         |
|------------------------|---------|
| Malay Peninsula        |         |
| Eastern Himalayas      |         |
| Indo-Chinese provinces |         |
| Assam                  | Java    |
| Borneo                 | Sumatra |

Luzon

**RHINOMYIAS** *Sharpe.*

(Sharpe, Cat. Bds., IV, p. 367, 1879.)

*albigularis* *Bourne & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 27 (1894).

Guimaras      Negros

*ruficauda* (*Sharpe*). (p. 368.)  
[*samarensis* Steere, List. Bds. & Mams.  
Steere Exp., p. 16 (1890).]

|         |          |
|---------|----------|
| Basilan | Mindanao |
| Leyte   | Samar    |

*ocularis* *Bourne & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 28 (1894).

Sulu      Tawi Tawi

*insignis* *Grant*, Bull. B. O. C., IV, p. xl  
(1895); *id.* *Ibis*, 1895, p. 442, pl. xii, fig. 2.

Luzon

**CULICICAPA** *Swinh.*

(Sharpe, Cat. Bds., IV, p. 369, 1879.)

*ceylonensis* (*Swinh.*). (p. 369.)

|                                      |      |
|--------------------------------------|------|
| Khasi Hills                          |      |
| Indian Peninsula                     |      |
| Mountains of northwestern Borneo     |      |
| Malay Peninsula (Mountains of Perak) |      |
| Ceylon                               | Java |

Palawan

*helianthea* (*Wall.*). (p. 370.)  
[*panayensis* Sharpe. (p. 371.)]

|                             |         |
|-----------------------------|---------|
| Celebean Sea                | Celebes |
| Banggal and Saleyer Islands |         |

|          |           |
|----------|-----------|
| Bongao   | Negros    |
| Cebu     | Palawan   |
| Leyte    | Panay     |
| Luzon    | Tawi Tawi |
| Mindanao |           |

**CRYPTOLOPHA** *Swains.*

(Sharpe, Cat. Bds., IV, p. 393, 1879.)

[*Cf.* Oates, Faun. Brit. Ind.,  
Birds, I, p. 421, 1889.]*cebuensis* *Dubois*, Syn. Av. p. 286 (1900).  
[*flavicularis* *Bourne & Worcester*, Occ.  
Papers Minnesota Acad., I, No. 1, p. 23  
(1894, nec *Godw.-Aust.*).]

Cebu

*montis* Sharpe, Ibis, 1887, p. 442.

Sumatra  
Mountains of northwestern Borneo

Palawan

*xanthopygia* Whitehead, Bull. B. O. C., I, p. xxxi (1893); id. Exped. Kina Balu, pl. 16, fig. 2 (1893).

Palawan

*mindanensis* Hartert, Bull. B. O. C., XIV, p. 12 (1903).

Mindanao

### ABRORNIS *Hodgs.*

(*Cryptolopha*, pt., Sharpe, Cat. Bds., IV, p. 393, 1879.)

*nigrorum* (Moseley), Ibis, 1891, p. 47, pl. ii, fig. 1.

Luzon  
Mindoro

Negros

*olivacea* Moseley, Ibis, 1891, p. 47, pl. ii, fig. 2.

Leyte  
Luzon  
Mindanao  
Negros

Samar  
Sulu  
Tawi Tawi

### EUMYIAS *Cab.*<sup>1</sup>

(*Stoparola* Blyth; Sharpe, Cat. Bds., IV, p. 435, 1879.)

*panayensis* (Sharpe). (p. 440.)

Negros

Panay

*nigrimentalis* (Grant), Bull. B. O. C., III, p. 50 (1894); id., Ibis, 1894, p. 507, pl. xiv, fig. 2.

Luzon

Mindoro

*nigriloris* (Hartert), Bull. B. O. C., XIV, p. 80 (1904).

Mindanao

### Family CAMPOPHAGIDÆ.

### ARTAMIDES *Hartl.*

(Sharpe, Cat. Bds., IV, p. 8, 1879.)

*dificilis* Hartert, Nov. Zool., II, p. 470 (1895).

Balabac  
Calamianes

Palawan

*guillemardi* Salvad., Ibis, 1886, p. 154.  
[*pollens* (nec Salvad.) Guillem., P. Z. S., 1885, p. 258.]

Bongao  
Lapac  
Sibutu

Sulu  
Tawi Tawi

*striatus* (Bodd.). (p. 18.)

Lubang

Luzon

*kochi* Kutter, Orn. Centralbl., 1882, p. 183;  
J. f. O. 1883, p. 163.

Basilan  
Leyte  
Mindanao

Nipa  
Panaon  
Samar

[*mindanensis* Steere, List Bds. & Mams.  
Steere Exp., p. 14 (1890).]

<sup>1</sup> "Stoparola Blyth, 1836 means something else!"—RICHMOND.



|  |                               |                |
|--|-------------------------------|----------------|
| <b>panayensis</b> <i>Steere</i> , List. Bds. & Mams. Steere<br>Exp., p. 14 (1890). | Guimaras<br>Masbate<br>Negros | Panay<br>Ticao |
| <b>mindorensis</b> <i>Steere, t. c.</i> , p. 14 (1890).                            | Mindoro                       | Tablas         |
| <b>cebuensis</b> <i>Grant</i> , Ibis, 1898, p. 535.                                | Cebu                          |                |

**EDOLIISOMA** *Jacq. & Pucher.*

(Sharpe, Cat. Bds., IV, p. 42, 1879.)

|  |                    |           |
|--|--------------------|-----------|
| <b>cærulescens</b> ( <i>Blyth</i> ). (p. 44.)  | Luzon              |           |
| <b>alterum</b> <i>Wardlaw-Ramsay</i> , Ibis, 1881, p. 34.  | Cebu               |           |
| <b>panayense</b> <i>Steere</i> , List Bds. & Mams. Steere<br>Exp., p. 14 (1890).                               | Guimaras<br>Negros | Panay     |
| <b>everetti</b> <i>Sharpe</i> , Bull. B. O. C., III, p. x<br>(1893).   | Bongao<br>Sulu     | Tawi Tawi |
| <b>mindanense</b> ( <i>Twedd.</i> ) (P. Z. S., 1878, p.<br>947); <i>Sharpe</i> , Cat. Bds., IV, p. 470 (1879). | Basilan            | Mindanao  |
| <b>elusum</b> <i>McGregor</i> , Govt. Lab. Publ. No. 34,<br>p. 19 (1905).                                      | Mindoro            |           |

**PERICROCOTUS** *Boie.*

(Sharpe, Cat. Bds., IV, p. 70, 1879.)

|   |   |                    |
|---|---|--------------------|
| <b>marchesæ</b> <i>Guillem.</i> , P. Z. S., 1885, p. 259,<br>pl. xviii, fig. 1.   | Sulu  |                    |
| <b>novus</b> <i>McGregor</i> , Bull. Philippine Mus., No.<br>3, p. 13 (1904); <i>W. Ramsay</i> , Ibis, 1886,<br>p. 161. | Luzon   | Negros             |
| <b>leytensis</b> <i>Steere</i> , List Bds. & Mams. Steere<br>Exp., p. 15 (1890).  | Leyte   | Samar              |
| <b>igneus</b> <i>Blyth</i> . (p. 78.)   | Western China<br>Malay Peninsula<br>Southern Tenasserim<br>Sumatra  | Borneo             |
|   | Palawan   |                    |
| <b>cinereus</b> <i>Lafr.</i> (p. 83.)   | China<br>Pegu ( <i>winter</i> )<br>Eastern Siberia<br>Borneo ( <i>winter</i> )<br>Malay Peninsula ( <i>winter</i> ) |                    |
|   | Calayan<br>Luzon  | Mindoro<br>Palawan |

**LALAGE** *Boie.*

(Sharpe, Cat. Bds., IV, p. 86, 1879.)

|   |  |  |
|---|--|--|
| <b>melanoleuca</b> ( <i>Blyth.</i> ) <sup>1</sup> (p. 91.)<br>[ <i>Cf.</i> Wardlaw-Ramsay, Ibis, 1884, p. 334.] | Luzon<br>Mindoro   | Semirara ? <sup>1</sup>  |
| <b>minor</b> ( <i>Steere</i> ), List Bds. & Mams. Steere Exp., p. 15 (1890).                                    | Mindanao<br>Leyte  | Samar  |
| <b>niger</b> ( <i>Forster</i> ).<br>[ <i>terat</i> Bodd.; Sharpe, Cat. Bds., IV, p. 95.]                        | Sumatra<br>Malay Peninsula<br>Java<br>Nicobar Islands (Camorta, Nancowry)  | Borneo   |
|   | Basilan<br>Bobol<br>Cagayancillo<br>Cagayan Sulu<br>Calamianes<br>Catanduanes<br>Cebu<br>Cuyo<br>Guimaras<br>Leyte<br>Lubang<br>Luzon<br>Marinduque<br>Masbate | Mindanao<br>Mindoro<br>Negros<br>Palawan<br>Panay<br>Romblon<br>Samar<br>Sibay<br>Sibuyan<br>Siquijor<br>Sulu<br>Tablas<br>Ticao |

Family **PYCNONOTIDÆ.****ÆGITHINA** *Vicill.*

(Sharpe, Cat. Bds., VI, p. 4, 1881.)

|   |         |        |
|---|---------|--------|
| <b>viridis</b> ( <i>Bp.</i> ). (p. 11.) | Sumatra | Borneo |
|   | Palawan |        |

**CHLOROPSIS** *Jard. & Selby.*

(Sharpe, Cat. Bds., VI, p. 15, 1881.)

|   |                       |                         |
|---|-----------------------|-------------------------|
| <b>palawanensis</b> <i>Sharpe.</i> (p. 33.)   | Balabac<br>Calamianes | Palawan                 |
| <b>flavipennis</b> ( <i>Twedd.</i> ) (p. 34.) | Cebu                  | Mindanao ? <sup>2</sup> |

<sup>1</sup> A bird seen by me on Semirara in April, 1905, but not killed, was in all probability *L. melanoleuca*.—WORCESTER.

<sup>2</sup> *Chloropsis flavipennis* is listed by W. Blasius among the birds collected by Dr. Platen at Davao, in Mindanao, in the summer of 1889 (J. f. O., April, 1890, p. 145). The failure of any other collector to find any representative of this genus in Mindanao is so remarkable that it leads me to doubt the correctness of this record which Sharpe does not recognize in his Hand-List of Birds.—WORCESTER.



**IRENA** *Horsf.*

(Sharpe, Cat. Bds., VI, p. 174, 1881.)

**cyanogaster** *Vig.* (p. 175.)

Luzon

**ellæ** *Steere*, List Bds. & Mams. Steere Exp.,  
p. 18 (1890).

Leyte

Samar

**melanochlamys** *Sharpe.* (p. 170.)

Basilan

Mindanao

**tweeddalii** *Sharpe.* (p. 178.)Balabac  
Calamianes

Palawan

**HYPsipETES** *Vig.*

(Sharpe, Cat. Bds., VI, p. 35, 1881.)

**fugensis** *Grant*, Bull B. O. C., V, p. ii (1895);  
id. *Ibis*, 1896, p. 113.

Calayan

Fuga

**IOLÉ** *Blyth.*

(Sharpe, Cat. Bds., VI, p. 54, 1881.)

**striaticiceps** *Sharpe*, *Ibis*, 1888, p. 200.

Palawan

**everetti** *Twcedd.* (p. 57.)Mindanao  
Dinagat  
LeytePanaon  
Samar**haynaldi** *Blasius*, J. f. O., 1890, p. 141;  
*Sharpe*, *Ibis*, 1894, p. 253.Bongao  
SibutuSulu  
Tawi Tawi**rufigularis** (*Sharpe*). (p. 57, pl. iii.)

Basilan

Mindanao

**philippensis** (*Gm.*). (p. 58.)Bohol  
Cebu  
Leyte  
Lubang  
LuzonMarinduque  
Mindanao  
Panaon  
Samar**guimarasensis** *Steere*, Bds. & Mams. Steere  
Exp., p. 19 (1890).Guimaras  
Masbate  
NegrosPanay  
Ticao  
Verde**mindorensis** *Steere*, List. Bds. & Mams.  
Steere Exp., p. 19 (1890).

Mindoro

Semirara

[*schmackeri* *Hartert*, J. f. O., 1890, p.  
155.]**siquijorensis** *Steere*, op. cit. p. 19 (1890).

Siquijor

**cinereiceps** *Bourns & Worcester*, Occ. Papers  
Minnesota Acad., 1, No. 1, p. 25 (1894).

Romblon

Tablas

**monticola** *Bourns & Worcester*, l. c.

Cebu

**POLIOLOPHUS** *Sharpe.*(Sharpe, Tr. Linn. Soc. (2) i, p. 334,  
1876.)**urostictus** (*Salvad.*). (p. 63.)[*basilanicus* *Steere*, List. Bds. & Mams.  
Steere Exp., p. 19 (1890).]Basilan  
Catanduanes  
Dinagat  
LeyteLuzon  
Mindanao  
Panaon  
Samar

**MICROTARSUS** *Eyton.*

(*Micropus* Swains., *nec* Linn.;  
Sharpe, Cat. Bds., VI, p. 64,  
1881.)

**melanocephalus** (*Gm.*). (p. 66.)

Sumatra  
Malay Peninsula  
Burmese Provinces  
Eastern Bengal (Dacca, Tip-  
pera)  
Java                      Borneo  
Palawan

**CRINIGER** *Temm.*

(Sharpe, Cat. Bds., VI, p. 70, 1881.)

**frater** *Sharpe.* (p. 79, pl. v.)

Balabac                      Palawan  
Calamianes

**palawanensis** *Twedd.* (p. 83, pl. vi, fig. 2.)

Palawan

**PYCNONOTUS** *Boie.*

(Sharpe, Cat. Bds., VI, p. 120, 1881.)

[*Pachycephalirus* & *Stictognathus*,  
Büttik. Notes Leyden Mus., xvii,  
p. 249 (1896).

*Gymnocrotaphus* & *Bonaparteia*,  
Büttik., *op. cit.* xvii, p. 246,  
xviii, p. 58.]

**goiavier** (*Scop.*). (p. 141.)

Basilan                      Negros  
Bobol                      Nipa  
Cebu                      Panay  
Gulmaras                      Romblon  
Leyte                      Samar  
Luzon                      Sulu  
Marinduque                      Tablas  
Masbate                      Ticao  
Mindanao                      Verde  
Mindoro

**cinereifrons** *Twedd.* (p. 153.)

Calamianes                      Palawan

Family **TIMELIIDÆ.**Subfamily **TIMELIINÆ.****PSEUDOTHARRHALEUS** *Grant.*

(Grant, Bull. B. O. C., IV, p. xl,  
1895.)

**caudatus** *Grant, l. c.*

Luzon

**unicolor** *Hartert*, Bull. B. O. C., XIV, p. 74  
(1904).

Mindanao



**griseipectus** *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 2 (1905). Mindanao

**TURDINUS** *Blyth*.

(Sharpe, Cat. Bds., VII, p. 539,  
1883.)

[*Cf.* Büttik. Notes Leyden Mus.  
XVII, p. 68 (1895). *Mala-*  
*cocincla* Büttik. *t. c.* p. 79,  
*Illadopsis* Büttik, *t. c.* p.  
98.]

**rufifrons** *Tweedd.* (p. 546.) Balabac Palawan  
[*Malacopteron palawanense* Büttik.  
Notes Leyden Mus. XVII, p. 104  
(1895).]

**PTILOCICHLA** *Sharpe*.

(Sharpe, Cat. Bds., VII, p. 586,  
1883.)

**falcata** *Sharpe.* (p. 586.) Balabac Palawan

**basilanica** *Steere*, List. Bds. & Mams. Steere  
Exp., p. 18 (1890); *id.* Ibis, 1891, pl. vii. Basilan

**mindanensis** *Steere, l. c.; Cf.* Blasius, J. f. O.  
1890, p. 146. Mindanao

**minuta** *Bourne & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 24 (1894). Samar

**ANUROPSIS** *Sharpe*.

(Sharpe, Cat. Bds., VII, p. 588,  
1883.)

**cinereiceps** (*Tweedd.*). (p. 590.) Balabac Palawan

**DASYCROTAPHA** *Tweedd.*

(Sharpe, Cat. Bds., VII, p. 574,  
1883.)

**speciosa** *Tweedd.* (p. 574.) Negros  
35916—6

**ZOSTERORNIS** *Grant.*

(Grant, Bull. B. O. C., III, p. i, 1894.)

|   |                             |                    |
|---|-----------------------------|--------------------|
| <b>striata</b> <i>Grant, l. c.</i> , p. ii (1894); id. Ibis, 1895, pl. iv, fig. 1.                  | Luzon                       |                    |
| <b>whiteheadi</b> <i>Grant, l. c.</i> , p. i (1894); id. Ibis, 1894, pl. xv, fig. 1.                | Luzon                       |                    |
| <b>pygmæa</b> <i>Grant, Bull. B. O. C.</i> , vi, p. xviii (1896); id. Ibis, 1897, pl. vi, fig. 1.   | Leyte                       | Samar              |
| <b>plateni</b> ( <i>W. Blasius</i> ), J. f. O., 1890, p. 147.                                       | Mindanao                    |                    |
| <b>capitalis</b> ( <i>Twedd.</i> ). (p. 582.)   | Basilan<br>Dinagat<br>Leyte | Mindanao<br>Panaon |
| <b>nigrocapitata</b> ( <i>Steere</i> ), List. Bds. & Mams. Exp. Philipp., p. 17 (1890).             | Luzon <sup>1</sup>          | Samar              |
| <b>dennistouni</b> <i>Grant, Bull. B. O. C.</i> , V, p. ii (1895); id. Ibis, 1896, pl. iii, fig. 2. | Luzon                       |                    |

**MIXORNIS** *Hodgs.*

(Sharpe, Cat. Bds., VII, p. 575, 1883.)

|  |              |         |
|--|--------------|---------|
| <b>woodi</b> <i>Sharpe.</i> (p. 577.)                                  | Balabac      | Palawan |
| <b>cagayanensis</b> <i>Guillem.</i> , P. Z. S., 1885, p. 419, pl. xxv. | Cagayan Sulu |         |

**MACRONUS** *Jard. & Selby.*

(Sharpe, Cat. Bds., VII, p. 583, 1883.)

|  |                  |                   |
|--|------------------|-------------------|
| <b>striaticeps</b> <i>Sharpe.</i> (p. 584.)                                      | Basilan          |                   |
| <b>mindanensis</b> <i>Steere</i> , List. Bds. & Mams. Steere Exp., p. 17 (1890). | Dinagat<br>Leyte | Mindanao<br>Samar |
| <b>montanus</b> <i>Mearns</i> , Proc. Biol. Soc. Wash., XVIII, p. 4 (1905).      | Mindanao         |                   |
| <b>kettlewelli</b> <i>Guillem.</i> , P. Z. S., 1885, p. 262, pl. xviii, fig. 2.  | Bongao<br>Sulu   | Tawi Tawi         |

<sup>1</sup> A single specimen of *Zosterornis*, obtained at Mariveles, in the Province of Bataan, Island of Luzon, can not be differentiated from *Z. nigrocapitata* heretofore recorded from Samar and Leyte without specimens for actual comparison. While it may be ultimately proven to belong to an undescribed species, it has been provisionally assigned by McGregor to *Z. nigrocapitata* [Govt. Lab. Publ. No. 34, p. 29 (1905)].



Subfamily **BRACHYPTERYGINÆ.****BRACHYPTERYX** *Horsf.*

(Sharpe, Cat. Bds., VII, p. 25, 1883.)

[*Callene*, pt., Sharpe, t. c. 15.*Cf.* Oates, Faun. Brit. Ind.,  
Birds, I, p. 185.]**brunneiceps** *Grant*, *Ibis*, 1896, p. 547.

Negros

**poliogyna** *Grant*, Bull. B. O. C., IV, p. xl  
(1895); id. *Ibis*, pl. xii, fig. 1.

Luzon

Mindoro

**mindanensis** *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 3 (1905).

Mindanao

**LEONARDINA** *Mearns.*(*Leonardia* Mearns, 1905, *nec* Tapparene-Canefri (1890).)[*Cf.* Mearns, Proc. Biol. Soc.  
Wash., XVIII, p. 88  
(1905).]**woodi** *Mearns*, Proc. Biol. Soc. Wash., XVIII,  
p. 2 (1905).

Mindanao

Family **TURDIDÆ.**Subfamily **TURDINÆ.****MERULA** *Leach.*

(Seebohm, Cat. Bds., V, p. 232, 1881.)

**nigrorum** (*Grant*), *Ibis*, 1896, p. 544.

Negros

**thomassoni** *Seebohm*, Bull. B. O. C., III, p.  
li (1894).

Luzon

**mindorensis** (*Grant*), *Ibis*, 1896, p. 465.

Mindoro

**kelleri** *Mearns*, Proc. Biol. Soc. Wash., XVIII,  
p. 6 (1905).

Mindanao

**GEOCICHLA** *Temm.*

(Seebohm, Cat. Bds., V, p. 147,  
1881.)

*interpres* (*Temm.*). (p. 166.)

[*avensis* Gray (p. 167). *Cf.* Oates, Fauna  
Brit. India II, p. 138, 1890.]

Malay Peninsula  
Northwestern Borneo  
Sumatra                  Java  
Lombok                  Sumbawa

Basilan                  Tawi Tawi  
Sulu

*cinerea* *Bourne & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 23 (1894).

Mindoro

**OREOCICHLA** *Gould.*

(*Geocichla* pt. Seebohm, Cat. Bds.,  
V, p. 147, 1881.)

[*Cf.* Seebohm, Monogr. Turdi-  
dæ, I, pp. 1-32.]

*varia* (*Pall.*). (p. 151.)

[*hancei* Swinh. (p. 153.)]

Japan  
China (*winter*)  
Burma (*winter*)  
Accidental in Europe  
Western and eastern Siberia

Luzon

**TURDUS** *Linn.*

(Seebohm, Cat. Bds., V, p. 184,  
1881.)

*pallidus* *Gm.* (p. 274.)

Japan  
Formosa (*winter*)  
Southern China (*winter*)  
Eastern Siberia (Amur-land  
and Ussuri-land)

Calayan

*chrysolaus* *Temm.* (p. 275.)

China (*winter*)  
Formosa (*winter*)  
Japan                  Hainan  
Eastern Siberia (Ussuri-land,  
Sakhalin)

Calayan                  Luzon

*obscurus* *Gm.* (p. 273.)

Japan  
China (*winter*)  
Borneo (*winter*)  
Burma (*winter*)  
Malay Peninsula  
Eastern Himalayas  
Eastern Siberia (Yenesl to  
Amur)

Calayan                  Luzon  
Guimaras              Negros



**PETROPHILA Swains.**

(*Monticola* pt. Seebohm, Cat. Bds.,  
V, p. 312.)

[*Cf.* Oates, Fauna Brit. India,  
Bds., I, p. 142, 1889.]

**manilla** Bodd.

[*solitaria* (P. L. S. Müll., *nec* Linn.).  
(p. 319.)] [*teste* Stejneger *in litt.*]

Japan  
Eastern Siberia  
Southern China (*winter*)  
Malay Archipelago (*winter*)  
Burmese Provinces (*winter*)

|              |           |
|--------------|-----------|
| Agutaya      | Negros    |
| Balabac      | Palawan   |
| Basilan      | Panaon    |
| Cagayancillo | Panay     |
| Calamianes   | Romblon   |
| Calayan      | Sibay     |
| Cuyo         | Sibuyan   |
| Guimaras     | Siquijor  |
| Leyte        | Sulu      |
| Lubang       | Tablas    |
| Luzon        | Tawi Tawi |
| Masbate      | Ticao     |
| Mindanao     | Verde     |
| Mindoro      |           |

Subfamily **RUTICILLINÆ.****CHIMARRHORNIS Hodgs.**

(Sharpe, Cat. Bds., VII, p. 47, 1883.)

**bicolor** Grant, Bull. B. O. C., III, p. 44 Luzon  
(1894); *id.* Ibis, 1894, pl. xv, fig. 2.

**CALLIOPE Gould.**

(*Erithachus* pt. Seebohm, Cat. Bds.,  
V, p. 293, 1881.)

[*Cf.* Oates, Faun. Brit. Ind.,  
Birds, I, p. 101, 1889.]

**calliope** (Pall.). (p. 305.)

Europe (*accidental*)  
Southern China (*winter*)  
Burmese provinces (*winter*)  
Siberia Northern China  
Northern and Central India  
(*winter*)

|         |         |
|---------|---------|
| Calayan | Mindoro |
| Luzon   | Negros  |
| Masbate |         |

**COPSYCHUS** *Wagler.*

(Sharpe, Cat. Bds., VII, p. 60, 1883.)

**mindanensis** (*Gm.*). (p. 60.)

|          |                         |
|----------|-------------------------|
| Basilan  | Romblon                 |
| Bongao   | Samar                   |
| Cebu     | Semirara ? <sup>1</sup> |
| Guimaras | Sibuyan                 |
| Leyte    | Siquijor                |
| Lubang   | Sulu                    |
| Luzon    | Tablas                  |
| Masbate  | Tawi Tawi               |
| Mindanao | Ticao                   |
| Mindoro  | Verde                   |
| Negros   |                         |

**CITTOCINCLA**, *Scl.*

(Sharpe, Cat. Bds., VII, p. 84, 1883.)

[*Cf.* Hartert. Nov. Zool. ix, pp.  
572-573, 1892.]**nigra** *Sharpe.* (p. 90.)

|            |         |
|------------|---------|
| Balabac    | Palawan |
| Calamianes |         |

**luzoniensis** (*Kittl.*). (p. 91.)

|             |            |
|-------------|------------|
| Catanduanes | Marinduque |
| Luzon       |            |

**cebuensis** *Steere*, List. Bds. & Mams. *Steere*  
Exp., p. 20 (1890).

Cebu

**superciliaris** *Bourns & Worcester*, Occ. Pa-  
pers Minnesota Acad., I, No. 1, p. 23  
(1894).

|         |       |
|---------|-------|
| Masbate | Ticao |
|---------|-------|

**nigrorum** *Grant*, Ibis, 1896, p. 547.

Negros

**PRATINCOLA** *Koch.*

(Sharpe, Cat. Bds., IV, p. 178, 1879.)

**caprata** (*Linn.*). (p. 195.)

|                   |          |
|-------------------|----------|
| Persia            |          |
| Indian Peninsula  |          |
| Burmese provinces |          |
| Java              | Borneo   |
| Bohol             | Mindoro  |
| Cebu              | Negros   |
| Lubang            | Panay    |
| Luzon             | Siquijor |
| Masbate           | Ticao    |

**SAXICOLA** *Bechst.*(Seebohm, Cat. Bds., V, p. 362,  
1881.)**œnanthe** (*Linn.*). (p. 391.)[*Cf.* Stejneger, Pr. U. S. Nat. Mus.,  
XXIII, p. 473 (1901); id. Auk, XVIII,  
p. 186 (1901).][*œnanthoides* *Vig.*]Europe and northern Asia to  
Alaska  
Indian Peninsula and eastern  
Africa (*winter*)

Calayan

<sup>1</sup> A bird seen by me on Semirara in April, 1905, but not killed, was in all probability *C. mindanensis*.—WORCESTER.



## Family SYLVIIDÆ.

**LOCUSTELLA** *Kaup.*

(Seebohm, Cat. Bds., V, p. 107,  
1881.)

**fasciolata** (*Gray*). (p. 109.)

[*Cf.* A. B. Meyer & Wiglesw., B. Celebes,  
p. 524 (1898).]

Talaut Islands  
Sangir Islands  
Eastern Siberia  
Molucca Islands  
China                      Japan  
Batchian, Halmahera, Morotai  
(*winter*)

---

|            |           |
|------------|-----------|
| Calayan    | Sulu      |
| Luzon      | Tablas    |
| Marinduque | Tawi Tawi |

**ochotensis** (*Midd.*). (p. 113.)

[*dybowskii* Ridgw., Pr. U. S. Nat. Mus.,  
VI, p. 92 (1883).]

Kurile Islands  
Borneo (*winter*)  
Northeastern Siberia  
Greater Sunda Islands  
Kamtchatka              Japan

---

|            |         |
|------------|---------|
| Calayan    | Mindoro |
| Marinduque | Romblon |

**lanceolata** (*Temm.*). (p. 118.)

China (*winter*)  
Eastern Europe (Russia)  
Andaman Islands (*winter*)  
Indian Peninsula (*winter*)  
Burmese provinces (*winter*)  
Siberia                      Central Asia

---

|         |       |
|---------|-------|
| Calayan | Luzon |
|---------|-------|

**ACROCEPHALUS** *Naum.*

(Seebohm, Cat. Bds., V, p. 87, 1881.)

[*Tatare* Lesson; Sharpe, Cat.

Bds., VII, p. 524 (1883).

*Cf.* Zool. Rec., Aves, 1883,

p. 26; Büttik. Notes Ley-

den Mus., XIV, p. 13

(1892).]

**sorgophilus** (*Swinh.*). (p. 94.)

China

---

Luzon

**orientalis** (*Temm. & Schl.*). (p. 97.)

Japan  
Northern China  
Eastern Siberia  
Burmese provinces (*winter*)  
Malay Archipelago\* (*winter*)

---

|         |          |
|---------|----------|
| Calayan | Mindanao |
| Cebu    | Mindoro  |
| Luzon   | Palawan  |

**TRIBURA** *Hodgs.*

(*Luscinola* pt. Seebohm, Cat. Bds.,  
V, p. 120, 1881.)

[*Cf.* Oates, Faun. Brit. Ind.,  
Birds, I, 361, 1889.]

**seebohmi** (*Grant*), Bull. B. O. C., IV, p. xl Luzon  
(1895); id. *Ibis*, 1895, p. 443.

**ORTHOTOMUS** *Horsf.*

(Sharpe, Cat. Bds., VII, p. 219  
(1883).

[*Cf.* Grant, *Ibis*, 1897, p. 229.]

|   |   |                            |
|---|---|----------------------------|
| <b>frontalis</b> <i>Sharpe.</i> (p. 220.)   | Basilan<br>Bohol<br>Dinagat                       | Leyte<br>Mindanao<br>Samar |
| <b>cinereiceps</b> <i>Sharpe.</i> (p. 222.)   | Basilan   | Mindanao                   |
| <b>nigriceps</b> <i>Tweedd.</i> (p. 222.)   | Mindanao  |                            |
| <b>samarensis</b> <i>Steere</i> , List Bds. & Mams. Steere<br>Exp., p. 20 (1890.)   | Leyte   | Samar                      |
| <b>castaneiceps</b> <i>Wald.</i> (p. 223.)<br>[ <i>panayensis</i> Steere, List. Bds. & Mams.<br>Steere Exp., p. 20, 1890. <i>Cf.</i> Grant,<br><i>Ibis</i> , 1896, p. 549.] | Guimaras<br>Masbate<br>Negros                     | Panay<br>Ticao             |
| <b>derbianus</b> <i>Moore.</i> (p. 224.)  | Luzon   |                            |
| <b>chloronotus</b> <i>Grant</i> , Bull. B. O. C., III, p. ii<br>(1895).   | Luzon   |                            |
| <b>ruficeps</b> ( <i>Less.</i> ). (p. 224.)   | Malay Peninsula<br>Southern Tenasserim<br>Sumatra | Borneo                     |
|   | Balabac<br>Calamianes                             | Palawan                    |
| <b>cineraceus</b> <i>Blyth.</i> (p. 225.)   | Malay Peninsula<br>Sumatra                        | Borneo                     |
|   | Cagayan Sulu                                      |                            |



**CISTICOLA** *Kaup.*

(Sharpe, Cat. Bds., VII, p. 235,  
1883.)

*cisticola* (*Temm.*). (p. 259.)

Indian Peninsula  
Malay Peninsula  
Southern Europe  
Indo-Chinese countries  
Greater and Lesser Sunda  
Islands  
Ceylon                      China  
Africa                      Celebes  

---

Balabac                      Luzon  
Bohol                      Mindanao

*exilis* (*Vig. & Horsf.*). (p. 269.)

[*oryziola* S. Müll. (p. 240, note.) *Cf.*  
Sharpe, Notes Leyden Mus., VI, p.  
168.]

[*phragmitoides* Kuhl. (p. 185, note),  
teste Finsch *in litt.*]

[*Cf.* also Oates, Faun. Brit. Ind., Birds,  
I, pp. 371-373, 1889.]

Southern China  
Indian Peninsula  
Burmese provinces  
Malay Peninsula and Archipel-  
ago  
Australasia                      Formosa  

---

Calamianes                      Panay  
Calayan                      Romblon  
Cebu                      Samar  
Fuga                      Semirara  
Lubang                      Sibay  
Luzon                      Sibuyan  
Marinduque                      Siquiljor  
Masbate                      Sulu  
Mindanao                      Tablas  
Mindoro                      Ticao  
Negros                      Verde

**MEGALURUS** *Horsf.*

(Sharpe, Cat. Bds., VII, p. 122,  
1883.)

*palustris* *Horsf.* (p. 123.)

[*punctatus* De Vis, Ibis, 1897, p. 385.  
=*macrurus*, juv. Rotsch. & Hartert. Orn.  
MB. vii, p. 139, 1898.]

Manipur  
Burmese provinces  
Southeastern New Guinea  
Northern and Central India to  
Bhutun and Buxa Doars  
Assam                      Java  

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Catanduanes                      Mindanao  
Luzon                      Mindoro  
Marinduque                      Samar  
Masbate                      Ticao

*ruficeps* *Tweed.* (p. 125.)

Basilan                      Mindoro  
Bohol                      Negros  
Cebu                      Panay  
Guimaras                      Romblon  
Lubang                      Samar  
Luzon                      Sibuyan  
Marinduque                      Siquiljor  
Masbate                      Tablas  
Mindanao                      Ticao

**ACANTHOPNEUSTE** *Blas.*(*Phylloscopus* pt. Seebohm, Cat.

Bds., V, p. 37, 1881.)

**borealis** (*Blas.*). (p. 40.)

Alaska

Borneo (*winter*)

Commander Islands

Malay Peninsula (*winter*)China and Formosa (*winter*)Indo-Chinese provinces (*winter*)Northern Europe and northern  
Asia (Finmark to eastern  
Siberia, Kamtchatka)

Balabac

Mindanao

Cagayancillo Marinduque

Calamianes Mindoro

Calayan Negros

Cuyo Palawan

Fuga Panay

Guimaras Romblon

Leyte Samar

Lubang Sibuyan

Luzon Tablas

Maestro de Ticao

Campo Verde

Masbate

**xanthodryas** (*Swinh.*). (p. 62.)Southern China (*winter*)

Mongolia Kamtchatka

Japan Kurile Islands

Northwestern Borneo (*winter*)

Palawan

**lugubris** (*Blyth*). (p. 48.)Eastern Bengal (*winter*)Burmese provinces (*winter*)

Western China to Chuan-che

Eastern Himalayas (Sikhim to  
Assam)

Basilan

Samar

Mindanao

**HORORNIS** *Hodgs.*(*Cettia* pt. Seebohm, Cat. Bds., V, p.  
133, 1881.)[*Cf.* Oates, Faun. Brit. Ind.,  
Birds, I, p. 434, 1889.]**seebohmi** (*Grant*), Ibis, 1894, p. 507.

Northern Luzon

**canturiens** (*Swinh.*). (p. 141.)

Formosa

Cachar (*winter*)Southern China (*winter*)Southern Ussuri-land to Lake  
Chanka

Luzon



*minuta* (*Swinh.*). (p. 141.)

Hainan  
Askold Island  
Southern China

---

Calayan

**PHYLLERGATES** *Sharpe.*

(Sharpe, Cat. Bds., VII, p. 229, 1883;  
*cf.* Zool. Rec., 1883, Aves, p. 25,  
note.)

[*Phyllobates* Oates, Bds. Brit.  
Burm., I, p. 110 (1883).]

*philippinus* *Hartert*, Nov. Zool., IV, p. 517  
(1897.)

Luzon

*heterolæmus* *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 86 (1905).

Mindanao

Family **ARTAMIDÆ.**

**ARTAMUS** *Vieill.*

(Sharpe, Cat. Bds., XIII, p. 2, 1890.)

*leucorhynchus* (*Linn.*), *teste* Richmond.  
[*leucogaster* (*Valenc.*). (p. 3.)]

Australia  
Papuan Islands  
Andaman Islands  
Malay Archipelago

---

|             |           |
|-------------|-----------|
| Basilan     | Negros    |
| Bohol       | Palawan   |
| Bongao      | Panay     |
| Calamianes  | Romblon   |
| Catanduanes | Samar     |
| Cebu        | Semirara  |
| Cuyo        | Sibay     |
| Guimaras    | Sibuyan   |
| Leyte       | Siquijor  |
| Lubang      | Sulu      |
| Luzon       | Tablas    |
| Marinduque  | Tawi Tawi |
| Masbate     | Ticao     |
| Mindanao    | Verde     |
| Mindoro     |           |

Family **LANIIDÆ.**

Subfamily **LANIINÆ.**

**ENNEOCTONUS** *Boie.*

(*Lanius* pt. Gadow, Cat. Bds., VII,  
p. 232, 1883; Grant, Nov. Zool.,  
IX, p. 449, 1902.)

*tigrinus* (*Drap.*). (p. 289.)

Borneo  
Malay Peninsula  
Sumatra  
Korea

---

Java  
China

Sulu

**CEPHALOPHONEUS** *Fitz.*

(*Lanius* pt. Gadow, Cat. Bds., VIII,  
p. 232, 1883; Grant, Nov. Zool.,  
IX, p. 449, 1902.)

**validirostris** (*Grant*), Bull. B. O. C., III,  
p. xlix, 1894).

Luzon Mindoro

**nasutus** (*Scop.*).

[*cephalomelas* Bp. (p. 269.)]  
[*schalowi* Gadow.]

Northern Borneo

|            |          |
|------------|----------|
| Bohol      | Mindanao |
| Calamianes | Mindoro  |
| Cebu       | Negros   |
| Guimaras   | Panay    |
| Leyte      | Samar    |
| Luzon      | Siquijor |
| Masbate    |          |

**suluensis** *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 86 (1905).

Sulu

**OTOMELA**, *Bp.*

(*Lanius* pt. Gadow, Cat. Bds., VIII,  
p. 232, 1883; Grant, Nov. Zool.,  
IX, p. 449, 1902.)

**cristata**<sup>1</sup> (*Linn.*). (p. 271.)

Borneo  
Eastern Siberia  
Malay Peninsula  
Indian Peninsula  
Indo-Chinese provinces

Philippine Islands (*winter*)

**lucionensis** (*Linn.*). (p. 274.)

Mongolia  
Northern China  
Malay Archipelago  
Southern India (*winter*)  
Andaman and Nicobar Islands  
Korea Formosa

|                  |           |
|------------------|-----------|
| Agutaya          | Masbate   |
| Balabac          | Mindanao  |
| Basilan          | Mindoro   |
| Bohol            | Negros    |
| Cagayancillo     | Palawan   |
| Calamianes       | Panaon    |
| Calayan          | Panay     |
| Camiguin         | Romblon   |
| Catanduanes      | Samar     |
| Cebu             | Sibay     |
| Cuyo             | Sibuyan   |
| Fuga             | Siquijor  |
| Guimaras         | Sulu      |
| Leyte            | Tablas    |
| Lubang           | Tawi Tawi |
| Luzon            | Ticao     |
| Maestro de Verde |           |
| Campo            |           |

<sup>1</sup> The two shrikes, *O. cristata* and *O. superciliosa*, are included in this list on the authority of Sharpe's Hand-List. Their distribution within the Philippines is not known to me.—MCGREGOR.



**superciliosa**<sup>1</sup> (*Lath.*). (p. 273.)

Japan  
Malay Peninsula  
Greater and Lesser Sunda  
Islands

Philippine Islands (*winter*)

Subfamily **PACHYCEPALINÆ.**

**HYLOTERPE** *Cab.*

(*Pachycephala* pt. Gadow, Cat. Bds.,  
VIII, p. 182, 1883.)

**philippinensis** *Walden.* (p. 221.)

Basilan  
Dinagat  
Leyte  
Luzon  
Mindanao  
Samar  
Siquijor

**apoensis** *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 86 (1905).

Mindanao

**homeyeri** *Blasius*, J. f. O., 1890, p. 141.

Bongao  
Sibutu  
Sulu  
Tawi Tawi

**whiteheadi** *Sharpe*, Ibis, 1888, p. 198.

[*plateni* *W. Blasius*, Ornith., 1888, p. 311.]

Palawan

**winchelli** *Bourns & Worcester*, Occ. Papers  
Minnesota Acad., I, No. 1, p. 21 (1894).

[*major* *Bourns & Worcester*, I. c. p. 22.]

Cebu  
Masbate  
Negros  
Panay  
Sibuyan  
Tablas  
Ticao

**mindorensis** *Bourns & Worcester*, t. c. p. 22.

Mindoro

**albiventris** *Grant*, Bull. B. O. C., III, p. xlix  
(1894).

Luzon  
Mindoro

**fallax** *McGregor*, Bull. Philippine Mus., No. 4,  
p. 27 (1904).

Calayan

Family **PARIDÆ.**

Subfamily **PARINÆ.**

**PARDALIPARUS** *Selys-Longch.*

(*Selys-Longchamps*, Bull. S. Z.  
France IX, p. 73, 1884; *Branchi*,  
Ann. Mus. St. Petersb., VII, p.  
247, 1902.)

(*Parus* pt. Gadow, Cat. Bds.,  
VIII, p. 3, 1883.)

[*Hellm.*, *Tierr.*, *Paridæ*, p. 80.  
1901.]

**amabilis** (*Sharpe*). (p. 22.)

Balabac  
Palawan

<sup>1</sup> See footnote on page 92.

**elegans** (*Less.*). (p. 22.)

|          |           |
|----------|-----------|
| Bongao   | Mindoro   |
| Calayan  | Negros    |
| Cebu     | Panay     |
| Guimaras | Sulu      |
| Luzon    | Tawi Tawi |
| Masbate  | Ticao     |

**mindanensis** *Mearns*. Proc. Biol. Soc. Wash.,  
XVIII, p. 8 (1905). Mindanao

### **PENTHORNIS** Hellmayr.

(Hellmayr, J. f. O. 1901, p. 173;  
Tierreich, *Parida*, p. 32, 1903.)  
(*Parus* pt. Gadow, Cat. Bds., VIII,  
p. 3, 1883.)

**semilarvatus** (*Salvadori*). (p. 38.)  
[*Cf.* Wardlaw Ramsay, *Ibis*, 1884, p.  
334.]

Luzon                      Negros

**luzoniensis** (*Gm.*).

[*Micropus nehrkorni* Blasius, J. f. O.,  
1890, p. 147. *Cf.* Sharpe, Bull. B. O. C.,  
IV, p. ii (1894); Hellmayr, J. f. O.,  
1901, pp. 171, 172.]

Mindanao

### Family **SITTIDÆ**.

### **CALLISITTA** *Reichenb.*

(*Dendrophila* Swains.; *Sitta* pt. Ga-  
dow, Cat. Bds., VIII, p. 341, 1883;  
Hellm., *Tierr.*, *Sittidæ*, p. 191,  
1903.)

**frontalis** (*Swains.*). (p. 358.)

Southern India  
Malay Peninsula  
Burmese provinces  
Ceylon                      Java  
Himalayas (Kumaon to Assam)

Balabac                      Palawan

**œnochloramys** (*Sharpe*). (p. 359.)

|          |          |
|----------|----------|
| Basilan  | Luzon    |
| Cebu     | Mindanao |
| Guimaras | Negros   |
| Leyte    | Panay    |

**mesoleuca** (*Grant*), Bull. B. O. C., III,  
p. xlix (1894). Luzon

**lilacea** (*Whitehead*), Bull. B. O. C., VI,  
p. xlix (1897). Basilan

Samar



Family **CERTHIIDÆ.****RHABDORNIS** *Reichenb.*

(*Climacteris* pt. Gadow, Cat. Bds.,  
VIII, p. 333, 1883.)

(*Cf.* Grant, Ibis, 1897, p. 235.)

|   |                             |                   |
|---|-----------------------------|-------------------|
| <b>mystacalis</b> ( <i>Temm.</i> ). (p. 339.)   | Luzon<br>Masbate            | Negros<br>Panay   |
| <b>minor</b> <i>Grant</i> , Bull. B. O. C., VI, p. xvii<br>(1896).                              | Basilan<br>Dinagat<br>Leyte | Mindanao<br>Samar |
| <b>inornata</b> <i>Grant</i> , <i>l. c.</i> p. xviii; <i>id.</i> Ibis, 1897,<br>pl. vi, fig. 2. | Samar                       |                   |

Family **ZOSTEROPIDÆ.****ZOSTEROPS** *Vig. and Horsf.*

(Gadow, Cat. Bds., IX, p. 146, 1884.)

|  |                                       |                           |
|--|---------------------------------------|---------------------------|
| <b>everetti</b> <i>Tweed.</i> (p. 163.)  | Cebu                                  |                           |
| <b>nigrorum</b> <i>Tweed.</i> (p. 186.)  | Cresta de Gallo<br>Masbate<br>Negros  | Panay<br>Ticao            |
| <b>siquijorensis</b> <i>Bourns and Worcester</i> , Occ.<br>Papers Minnesota Acad., I, No. 1, p. 21<br>(1894).  | Negros                                | Siquijor                  |
| <b>luzonica</b> <i>Grant</i> , Bull. B. O. C., No. XXIV,<br>p. xxii (1895).  | Luzon                                 |                           |
| <b>aureiloris</b> <i>Grant</i> , Bull. B. O. C., No. XXVIII,<br>p. xl (1895).  | Luzon                                 | Mindoro                   |
| <b>basilanica</b> <i>Steere</i> , List. Bds. and Mams.<br>Steere Exp., p. 21 (1890).   | Basilan<br>Bongao<br>Dinagat<br>Leyte | Mindanao<br>Samar<br>Sulu |
| <b>richmondi</b> <i>McGregor</i> , Proc. Biol. Soc. Wash.,<br>XVII, p. 165 (1904).<br>[ <i>flavissima</i> <i>McGregor</i> , Bull. Philippine<br>Mus., No. 4, p. 26 (1904) <i>nec</i> Hartert.] | Cagayancillo                          |                           |
| <b>meyeni</b> <i>Bonap.</i> (p. 180.)<br>[ <i>Cf.</i> Grant, Ibis, 1895, p. 452.]  | Calayan<br>Lubang                     | Luzon<br>Verde            |
| <b>whiteheadi</b> <i>Hartert</i> , Bull. B. O. C., XIV,<br>No. C, p. 13 (1903).  | Luzon (Lepanto)                       |                           |
| <b>vulcani</b> ( <i>Hartert</i> ), Bull. B. O. C., XIV, No. C,<br>p. 14 (1903).  | Mindanao                              |                           |

*goodfellowi* Hartert, Bull. B. O. C., XIV, Mindanao  
No. C, p. 13 (1903).

**HYPOCRYPTADIUS** Hartert.

(Hartert, Bull. B. O. C. XIV, No. C,  
p. 13, 1903.)

*cinnamomeus* Hartert. (l. c.) Mindanao

Family **DICÆIDÆ**.

**DICÆUM** Cuv.

(Sharpe, Cat. Bds., X, p. 10, 1885.)

|  |  |  |
|--|--|--|
| <i>retrocinctum</i> Gould. (p. 35.)  | Luzon  | Mindoro  |
| <i>hæmatostictum</i> Sharpe. (p. 35.)  | Guimaras<br>Negros                                     | Panay  |
| <i>papuense</i> (Gmel.). <sup>1</sup> (p. 36.)   | Basilan<br>Cebu<br>Dinagat<br>Leyte<br>Lubang<br>Luzon | Mariuduque<br>Masbate<br>Mindanao<br>Samar<br>Ticao<br>Verde |
| <i>luzoniense</i> Grant, Bull. B. O. C., III, p. 1.<br>(1894).                                       | Luzon  |  |
| <i>apo</i> Hartert, Bull. B. O. C., XIV, No. CVII,<br>p. 79 (1904).                                  | Mindanao   |  |
| <i>bonga</i> Hartert, t. c. p. 80.   | Samar  |  |
| <i>davao</i> Mearns, Proc. Biol. Soc. Wash., XVIII,<br>p. 87 (1905).                                 | Mindanao   |  |
| <i>flaviventer</i> Meyer, J. für O., 1894, p. 91, ex<br>Dubois, Syn. Av., p. 679.                    | Cebu   |  |
| <i>dorsale</i> Sharpe. (p. 40.)  | Masbate<br>Negros                                      | Panay  |
| <i>pallidior</i> Bourns and Worcester, Occ. Papers.<br>Minnesota Acad. Sci., I, No. 1, p. 18 (1894). | Cebu   |  |
| <i>sibuyanicum</i> Bourns and Worcester. (l. c.)   | Sibuyan  |  |
| <i>intermedium</i> Bourns and Worcester. (t. c.<br>p. 19.)   | Romblon  | Tablas   |
| <i>assimilis</i> Bourns and Worcester. (l. c.)   | Sulu   | Tawi Tawi  |

<sup>1</sup> This species is usually called *Dicaeum rubriventer* Lesson, Gmelin's name *Pipra papuensis* being misleading.—MCGREGOR.



|   |  |  |
|---|--|--|
| <i>xanthopygium Tweedd.</i> (p. 40.)  | Luzon,<br>Marinduque   | Mindoro  |
| <i>cinereigulare Tweedd.</i> (p. 40.)   | Leyte<br>Mindanao  | Samar  |
| <i>besti Steere</i> , List. Bds. and Mams. Steere<br>Exp., p. 22 (1890).            | Siquijor   |  |
| <i>sibutuense Sharpe</i> , Ibis, 1894, pp. 122, 251;<br>ex Dubois Syn. Av., p. 679. | Sibutu   |  |
| <i>pygmæum (Kittlitz).</i> (p. 43.)   | Balabac<br>Calayan<br>Fuga<br>Guimaras<br>Leyte<br>Lubang<br>Luzon<br>Maestro de<br>Campo<br>Masbate | Mindoro<br>Negros<br>Palawan<br>Romblon<br>Samar<br>Semirara<br>Sibuyan<br>Siquijor<br>Ticao |
| <i>nigrilore Hartert</i> , Bull. B. O. C., XV, No.<br>CX, p. 8 (1904).              | Mindanao   |  |
| <i>hypoleucum Sharpe.</i> (p. 37.)  | Basilan<br>Bongao  | Siasi<br>Sulu  |
| <i>mindanense Tweedd.</i> (p. 37.)  | Basilan<br>Mindanao  | Sulu<br>Tawi Tawi  |
| <i>everetti Tweedd.</i> (p. 47.)  | Dinagat<br>Leyte   | Panaou<br>Samar  |
| <i>obscurum Grant</i> , Bull. B. O. C., III, p. 1<br>(1894).                        | Luzon  |  |

### **PRIONOCHILUS Strickl.**

(Sharpe, Cat. Bds., X, p. 63 pt.,  
1885.)

|   |                             |                   |
|---|-----------------------------|-------------------|
| <i>johannæ Sharpe</i> , Ibis, 1888, p. 201.   | Balabac<br>Busuanga         | Palawan           |
| <i>quidricolor Tweedd.</i> P. Z. S., 1877, p. 762.  | Cebu                        |                   |
| <i>olivaceus Tweedd.</i> (p. 75.)   | Basilan<br>Dinagat<br>Leyte | Mindanao<br>Samar |
| <i>bicolor Bourns and Worcester</i> , Occ. Papers<br>Minnesota Acad., I, No. 1, p. 20 (1894). | Mindanao                    |                   |
| <i>inexpectatus Hartert</i> , Nov. Zool., II, pp. 64,<br>486 (1895).                          | Leyte<br>Luzon<br>Mindoro   | Negros<br>Samar   |

**PIPRISOMA** *Blyth.*

(Sharpe, Cat. Bds., X, p. 63, pt.  
1885.)

|   |                                     |                               |
|---|-------------------------------------|-------------------------------|
| <b>æruginosum</b> ( <i>Bourns and Worcester</i> ), Occ.<br>Papers Minnesota Acad., I, No. 1, p. 20<br>(1894). | Cebu<br>Lubang<br>Luzon<br>Mindanao | Mindoro<br>Romblon<br>Sibuyan |
|---|-------------------------------------|-------------------------------|

Family **NECTARINIIDÆ.****CHALCOSTETHA** *Cab.*

(Gadow, Cat. Bds., IX, p. 12, 1884.)

|  |  |                |
|--|--|----------------|
| <b>insignis</b> ( <i>Jard.</i> ). (p. 12.) | Tenasserim<br>Cochin China<br>Sunda Islands<br>Malay Peninsula<br>Sumatra<br>Celebes | Slam<br>Borneo |
|  | Balabac  | Palawan        |

**ÆTHOPYGA** *Cab.*

(Gadow, Cat. Bds., IX, p. 13, 1884.)

|  |                         |                   |
|--|-------------------------|-------------------|
| <b>magnifica</b> <i>Sharpe.</i> (p. 24.)   | Cebu<br>Negros<br>Panay | Sibuyan<br>Tablas |
| <b>boltoni</b> <i>Mearns</i> , Bull. Biol. Soc. Wash., XVIII,<br>p. 4 (1905).  | Mindanao                |                   |
| <b>shelleyi</b> <i>Sharpe.</i> (p. 29.)  | Balabac<br>Calamianes   | Palawan           |
| <b>bella</b> <i>Tweedd.</i> (p. 29.)   | Mindanao                | Samar             |
| <b>arolasi</b> <i>Bourns and Worcester</i> , Occ. Papers,<br>Minnesota Acad., I, No. 1, p. 17 (1894).  | Sulu                    | Tawi Tawi         |
| <b>bonita</b> <i>Bourns and Worcester.</i> (l. c.)   | Cebu<br>Masbate         | Panay<br>Ticao    |
| <b>flavipectus</b> <i>Grant</i> , Bull. B. O. C., III, p. xlix<br>(1894).<br>[ <i>minuta</i> <i>Bourns and Worcester</i> , Occ.<br>Papers Minnesota Acad., I, No. 1,<br>p. 18 (1894).] | Luzon                   | Mindoro           |
| <b>rubrinota</b> <i>McGregor</i> , Govt. Lab. Publ. No. 25,<br>p. 30 (1905).   | Lubang                  |                   |



**EUDREPANIS** *Sharpe*.

(Gadow, Cat. Bds., IX, p. 13 pt. 1884.)

**pulcherrima** (*Sharpe*). (p. 31.)Basilan      Leyte  
Dinagat      Samar**jefferyi** *Grant*, Bull. B. O. C., III, p. 1 (1894).

Luzon

**CINNYRIS** *Cuv.*

(Gadow, Cat. Bds., IX, p. 31, 1884.)

**sperata** (*Linn.*). (p. 63.)Calamianes      Negros  
Cebu      Nipa  
Dinagat      Palawan  
Guimaras      Panay  
Leyte      Romblon  
Lubang      Samar  
Luzon      Sibuyan  
Marinduque      Siquijor  
Masbate      Tablas  
Mindanao      Ticao  
Mindoro**whiteheadi** *Grant*, Bull. B. O. C., II, p. 1 (1894).Calayan      Luzon  
Fuga**juliæ** *Tweedd.* (p. 64.)Basilan      Sulu  
Maianlpa      Tawi Tawi  
Mindanao**flagrans** (*Oust.*). (p. 88.)

Luzon      Catanduanes

[*excellens* *Grant*, Bull. B. O. C., No. XXIII, p. xviii (1895); *cf.* Whitehead, *Ibis*, 1899, p. 230.]**guimarasensis** *Steerc*, List. Bds. and Mams. Steere Exp., p. 22 (1890).Guimaras      Panay  
Negros**jugularis** (*Linn.*). (p. 84.)[*dinagatensis* *Mearns*,<sup>1</sup> Proc. Biol. Soc. Wash., XVIII, p. 5 (1905). *obscurior* *Grant*, Bull. B. O. C., III, p. 1 (1894); *cf.* *Grant*, *Ibis*, 1895, p. 451.]Basilan      Mindoro  
Bohol      Negros  
Bongao      Panay  
Camiguin      Romblon  
Catanduanes      Samar  
Cebu      Semirara  
Dinagat      Sibay  
Guimaras      Sibutu  
Leyte      Sibuyan  
Lubang      Siquijor  
Luzon      Sulu  
Maestro de Tablas  
Campo      Tawi Tawi  
Marinduque      Ticao  
Masbate      Verde  
Mindanao**aurora** (*Tweedd.*). (p. 88.)Agutaya      Calamianes  
Balabac      Cuyo  
Cagayancillo      Palawan

<sup>1</sup> In view of the great variation of color on the breast of *Cinnyris aurora* and on that of *C. jugularis* we do not recognize *C. dinagatensis* as valid. The latter name is confessedly applied to a specimen intermediate between the two older species.—MCGREGOR AND WORCESTER.

**ARACHNOTHERA** *Temm.*

(Gadow, Cat. Bds., IX, p. 100, 1884.)

|   |                   |                   |
|---|-------------------|-------------------|
| <i>flamifera</i> <i>Twedd.</i> (p. 104.)  | Basilan<br>Leyte  | Mindanao<br>Samar |
| <i>dilutior</i> <i>Sharpe.</i> (p. 105.)  | Palawan           |                   |
| <i>philippinensis</i> ( <i>Steere</i> ), List. Bds. and<br>Mams. Steere Exp., p. 21 (1890). | Leyte<br>Mindanao | Samar             |

**ANTHREPTES** *Swains.*

(Gadow, Cat. Bds., IX, p. 112, 1884.)

|  |  |   |
|--|--|---|
| <i>malaccensis</i> ( <i>Scop.</i> ). (p. 122.)   | Malay Peninsula<br>Siam<br>Sumatra<br>Cochin China         | Java<br>Borneo<br>Flores                                    |
|  | Balabac<br>Bongao<br>Calamianes                            | Palawan<br>Sibutu<br>Tawi Tawi                              |
| <i>rhodolæma</i> <i>Shelley.</i> (p. 122, pt.)   | Borneo<br>Palawan  |   |
| <i>chlorigaster</i> <i>Sharpe.</i> (p. 122, pt.)   | Basilan<br>Lubang<br>Cebu<br>Masbate<br>Mindanao<br>Negros | Panay<br>Romblon<br>Sibuyan<br>Tablas<br>Tawi Tawi<br>Ticao |
| <i>wiglesworthi</i> <i>Hartert.</i> Nov. Zool., IX, p. 209; Dubois Syn. Av., 1113, <i>chlorigaster</i> , pt. | Sulu   |   |
| <i>cagayanensis</i> <i>Mearns</i> , Proc. Biol. Soc. Wash., XVIII, p. 6 (1905).                              | Cagayan Sulu   |   |
| <i>griseigularis</i> ( <i>Twedd.</i> ). (p. 126.)  | Luzon<br>Mindanao<br>Mindoro                               | Sakuijoc<br>Samar   |

Family **MOTACILLIDÆ.****MOTACILLA** *Linn.*

(Sharpe, Cat. Bds., X, p. 457, pt., 1885.)

|   |  |                  |
|---|--|------------------|
| <i>ocularis</i> <i>Swinh.</i> (p. 471.) | Burma ( <i>winter</i> )<br>Aleutian Islands ?<br>Northeastern Siberia<br>China<br>Lower California ( <i>accidental</i> ) |                  |
|   | Balabac<br>Calayan<br>Lubang   | Luzon<br>Palawan |



*melanope* Pall. (p. 497.)

Europe                      Siberia  
India and Burmese countries  
(winter)  
Malay Peninsula and Indo-  
Malay Islands (winter)

|                  |           |
|------------------|-----------|
| Balabac          | Mindanao  |
| Basilan          | Mindoro   |
| Cagayan Sulu     | Negros    |
| Calamianes       | Palawan   |
| Calayan          | Panay     |
| Catanduanes      | Romblon   |
| Cebu             | Samar     |
| Guimaras         | Sibay     |
| Leyte            | Sibuyan   |
| Lubang           | Sulu      |
| Luzon            | Tablas    |
| Maestro de Campo | Tawi Tawi |
| Marinduque       | Ticao     |
| Masbate          | Verde     |

*flava* Linn. See Page 110.

### **BUDYTES** Cuv.

(Sharpe, Cat. Bds., X, p. 457 pt.,  
1885.)

*leucostriatus* Hom. (p. 516, pt.)

Eastern Siberia  
Alaska                      Kamchatka  
Eastern China and Moluccas  
(winter)

|              |          |
|--------------|----------|
| Balabac      | Masbate  |
| Bohol        | Mindanao |
| Cagayan Sulu | Negros   |
| Calayan      | Palawan  |
| Catanduanes  | Sulu     |
| Lubang       | Ticao    |
| Luzon        |          |

### **LIMONDROMUS** Gould.

(Sharpe, Cat. Bds., X, p. 532, 1885.)

*indicus* (Gm.). (l. c.)

Eastern Siberia  
Northern China  
Indian Peninsula  
Ceylon, Andaman Islands, Bur-  
mese countries, Cochln China,  
Malay Peninsula, and Java  
(winter)

|         |         |
|---------|---------|
| Balabac | Calayan |
|---------|---------|

### **ANTHUS** Bechst.

(Sharpe, Cat. Bds., X, p. 534, 1885.)

*maculatus* Hodgs. (p. 547.)

Eastern Siberia  
Indian Peninsula  
Loo Choo Islands  
China                      Japan  
Indo-Burmese countries

|         |         |
|---------|---------|
| Calayan | Palawan |
| Luzon   |         |

**rufulus Vieill.** (p. 574.)  
[*malayensis* Eyton.]

*Malay Peninsula*  
*Burmese countries*  
*Africa*  
*Ceylon*  
*Sumatra*  
  
*India*  
*Java*  
*Borneo*  
  
*Bohol*  
*Calamianes*  
*Calayan*  
*Cebu*  
*Fuga*  
*Guimaras*  
*Leyte*  
*Lubang*  
*Luzon*  
*Maestro de*  
*Campo*  
*Masbate*  
*Mindanao*

*Malay Peninsula*  
*Burmese countries*  
*Africa*  
*Ceylon*  
*Sumatra*  
  
*India*  
*Java*  
*Borneo*  
  
*Bohol*  
*Calamianes*  
*Calayan*  
*Cebu*  
*Fuga*  
*Guimaras*  
*Leyte*  
*Lubang*  
*Luzon*  
*Maestro de*  
*Campo*  
*Masbate*  
*Mindanao*

**cervinus (Pall.).** (p. 585.)

*Kurile Islands*  
*Borneo (winter)*  
*Alaska*  
*England*  
*Northern Africa (winter)*  
*Lower California (accidental)*  
*Formosa and Hainan (winter)*  
*Persia and northwestern India*  
*(winter)*  
*China and Indo-Burmese countries*  
*(winter)*  
  
*Calayan*  
*Luzon*

*Kurile Islands*  
*Borneo (winter)*  
*Alaska*  
*England*  
*Northern Africa (winter)*  
*Lower California (accidental)*  
*Formosa and Hainan (winter)*  
*Persia and northwestern India*  
*(winter)*  
*China and Indo-Burmese countries*  
*(winter)*  
  
*Calayan*  
*Luzon*

**gustavi Swinh.** (p. 613.)

*Siberia*  
*Celebes*  
*Timor (winter)*  
*China (migration)*  
*Moluccas (winter)*  
*Commander Islands*  
  
*Basilan*  
*Cagayancillo*  
*Calayan*  
*Guimaras*  
*Leyte*  
*Lubang*  
*Luzon*  
*Maestro de*  
*Campo*

*Siberia*  
*Celebes*  
*Timor (winter)*  
*China (migration)*  
*Moluccas (winter)*  
*Commander Islands*  
  
*Basilan*  
*Cagayancillo*  
*Calayan*  
*Guimaras*  
*Leyte*  
*Lubang*  
*Luzon*  
*Maestro de*  
*Campo*

**richardi Vieill.** (p. 564.)

*India*  
*Moluccas*  
*Ceylon (winter)*  
*Southern China (winter)*  
*Burmese countries (winter)*  
*British Islands (occasional)*  
*Western and southern Europe*  
*(winter)*  
*Central and eastern Asia (summer)*  
  
*Balabac*

*India*  
*Moluccas*  
*Ceylon (winter)*  
*Southern China (winter)*  
*Burmese countries (winter)*  
*British Islands (occasional)*  
*Western and southern Europe*  
*(winter)*  
*Central and eastern Asia (summer)*  
  
*Balabac*



Family **ALAUDIDÆ.****ALAUDA** *Linn.*

(Sharpe, Cat. Bds., XIII, p. 566,  
1890.)

*wattersi* *Swinh.* (p. 575, pt.)

|         |              |
|---------|--------------|
| Formosa | Cochin China |
| Bohol   | Sibuyan      |
| Luzon   | Ticao        |

**MIRAFRA** *Horsf.*

(Sharpe, Cat. Bds., XIII, p. 593,  
1890.)

*philippinensis* *Ramsay.* (p. 605.)

|          |         |
|----------|---------|
| Luzon    | Mindoro |
| Mindanao |         |

Family **FRINGILLIDÆ.****LOXIA** *Linn.*

(Sharpe, Cat. Bds., XII, p. 435,  
1888.)

*luzoniensis* *Grant*, Bull. B. O. C., III, p. li (1894). Luzon

**PYRRHULA** *Briss.*

(Sharpe, Cat. Bds., XII, p. 445,  
1888.)

*leucogenys* *Grant*, Bull. B. O. C., IV, p. xli (1895). Luzon

**FRINGILLA** *Linn.*

(Sharpe, Cat. Bds., XII, p. 170,  
1888.)

*montifringilla* *Linn.* \* (p. 178.)

|   |               |
|---|---------------|
| Europe                                      | Kamtchatka    |
| North China                                 | Northern Asia |
| Japan ( <i>winter</i> )                     |               |
| British Islands ( <i>winter</i> )           |               |
| Liu Kiu and Bonin Islands ( <i>winter</i> ) |               |
| Calayan                                     |               |

**PASSER** *Briss.*

(Sharpe, Cat. Bds., XII, p. 298,  
1888.)

**montanus** (*Linn.*). (p. 301.)

Malay Peninsula  
Siam                      Java  
China                    Japan  
Europe                  Persia  
Burmah                 Siberia  
North and central Asia  
Afghanistan           Himalayas  
North Africa           Cochin China

---

Cebu                      Luzon

**SPINUS** *Koch.*

(*Chrysomitris* Boie; Sharpe, Cat.  
Bds., p. 192, 1888.)

**spinus** (*Linn.*). (p. 212.)

Northern Asia  
British Islands  
Japan (*winter*)  
South China (*winter*)  
Siberia                  Europe  
Liu Kiu Islands (*winter*)

---

Calayan

**EMBERIZA** *Briss.*

(Sharpe, Cat. Bds., XII, p. 476,  
1888.)

**spodocephala** *Pall.* (p. 522.)

Eastern Siberia  
Japan (*accidental*)  
Assam and Manipur (*winter*)  
China and eastern Himalayas  
(*winter*)

---

Catanduanes

**pusilla** *Pall.* (p. 487.)

Siberia  
Northern China  
Northern Europe  
Himalayas (*winter*)  
Tenasserim (*winter*)  
Assam and Burma (*winter*)

---

Luzon

**sulfurata** *Temm. and Schl.* (p. 519.)

Japan  
Formosa (*winter*)  
Northern and central China

---

Calayan                  Luzon



**CHLORURA** *Reichenb.*

(Sharpe, Cat. Bds., XIII, p. 388,  
1890.)

*brunneiventris* *Grant*, Bull. B. O. C., III, Luzon Mindoro  
p. 1 (1894).

Family PLOCEIDÆ.

**MUNIA** *Hodgs.*

(Sharpe, Cat. Bds., XIII, p. 326,  
1890.)

*oryzivora* (*Linn.*). (p. 328.)

|          |         |
|----------|---------|
| Sumatra  |         |
| Java     | Malacca |
| Guimaras | Palawan |
| Luzon    | Panay   |
| Mindanao | Samar   |

*jagori* *Martens.* (p. 337.)<sup>1</sup>

[*brunneiceps* *Walden*; cf. *Grant*, Ibis,  
1896, p. 554.]

|              |           |
|--------------|-----------|
| Balabac      | Mindanao  |
| Basilan      | Mindoro   |
| Bohol        | Negros    |
| Bongao       | Palawan   |
| Cagayan Sulu | Panay     |
| Calamianes   | Romblon   |
| Calayan      | Samar     |
| Catanduanes  | Semirara  |
| Cebu         | Sibay     |
| Fuga         | Sibuyan   |
| Guimaras     | Siquijor  |
| Leyte        | Sulu      |
| Lubang       | Tablas    |
| Luzon        | Tawi Tawi |
| Masbate      | Ticao     |

*formosana* *Swinh.* (p. 338.)

Luzon

*cabanisi* *Sharpe.* (p. 353.)

Luzon Panay

**UROLONCHA** *Cab.*

(Sharpe, Cat. Bds., XIII, p. 355,  
1890.)

*everetti* (*Twedd.*). (p. 363.)

|             |           |
|-------------|-----------|
| Balabac     | Mindanao  |
| Basilan     | Negros    |
| Calamianes  | Palawan   |
| Calayan     | Panay     |
| Catanduanes | Romblon   |
| Cebu        | Samar     |
| Guimaras    | Sibuyan   |
| Leyte       | Tablas    |
| Luzon       | Tawi Tawi |

*fuscans* (*Cass.*). (p. 364.)

Borneo  
Cagayan Sulu

<sup>1</sup> The Philippine records of *Munia atricapilla* were in all probability based upon specimens of *M. jagori*.—MCGREGOR.

**ORIOULUS** *Linn.*

(Sharpe, Cat. Bds., III, p. 181, 1877.)

**chinensis** *Linn.* (p. 203.)

|                  |             |
|------------------|-------------|
| Balabac          | Masbate     |
| Basilan          | Mindanao    |
| Bohol            | Mindoro     |
| Bongao           | Negros      |
| Cagayancillo     | Palawan     |
| Calamianes       | Panaon      |
| Calayan          | Panay       |
| Catanduanes      | Romblon     |
| Cebu             | Samar       |
| Cuyo             | Semirara    |
| Dinagat          | Sibutu      |
| Fuga             | Sibuyan     |
| Guimaras         | Siquijor    |
| Lapac            | Sulu        |
| Leyte            | Tablas      |
| Lubang           | Tawi Tawi   |
| Luzon            | Ticao       |
| Maestro de Campo | Verde Sibay |
| Marinduque       |             |

**isabellæ** *Grant*, Bull. B. O. C., IV, No. XX, p. ii (1894). Luzon**albiloris** *Grant*, Bull. B. O. C., III, p. xlix (1894). Luzon**samarensis** *Steere*, List. Bds. and Mams. Steere Exp., p. 17 (1890). Leyte Samar**steerii**<sup>1</sup> *Sharpe*. (p. 213 pt.) [ *basilanicus* *Grant*, Ibis, 1896, p. 532.] Basilan Mindanao**cinereogenys** *Bourne and Worcester*, Occ. Papers Minnesota Acad., I, No. 1, p. 16 (1894). Bongao Tawi Tawi

<sup>1</sup>Grant makes the extraordinary statement that a glance at the original description and figure of *O. steerii* is sufficient to show that the *Negros* bird is the one described (*Ibis*, Oct., 1896, p. 532) and quotes Cat. Bds. III, p. 213, pl. x (1887), in support of his contention that Bourne and I were mistaken in supposing that the type of *O. steerii* comes from Basilan. He therefore rejects our name of *O. nigrostriatus* for the *Negros* bird on the ground that it is a synonym for *O. steerii* and assigns to the Basilan bird, which he agrees with us is quite distinct from the *Negros* bird, the name *O. basilanicus*.

Had Grant followed his own suggestion and glanced at the original description of *O. steerii* which occurs in Trans. Linn. Soc., Ser. II, Vol. I, p. 329, he would have discovered that two specimens only were collected by Steere; that one specimen (*a*) was an adult male from *Isabela de Basilan*, while the other (*b*) of which the sex was not determined, came from *Negros*. Also that the type described was an adult male. Furthermore, he seems to forget that the type of this species, which, by the way, still bears a label in Dr. Sharpe's well-known hand, is at present in the bird collection of the University of Michigan. It was before Dr. Bourne and myself when our description of *O. nigrostriatus* was written. This type is an adult male from Basilan. Grant's *O. basilanicus* therefore becomes a synonym of *O. steerii*.—WORCESTER.



|   |                           |                   |
|---|---------------------------|-------------------|
| <b>nigrostriatus</b> <i>Bourus and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 16 (1894). | Masbate                   | Negros            |
| <b>assimilis</b> <i>Tweed.</i> , P. Z. S., 1877, p. 760.  | Cebu                      |                   |
| <b>xanthonotus</b> <i>Horsf.</i> (p. 213.)  | Malacca<br>Java           | Sumatra<br>Borneo |
|   | Calamianes ? <sup>1</sup> | Palawan           |

## Family DICRURIDÆ.

DICRURUS *Vieill.*

(Sharpe, Cat. Bds., III, p. 229, 1877.)

|   |                               |                          |
|---|-------------------------------|--------------------------|
| <b>balicassius</b> ( <i>Linn.</i> ). (p. 230.)  | Lubang<br>Luzon<br>Marinduque | Mindanao<br>Verde        |
| <b>striatus</b> <i>Tweed.</i> P. Z. S., 1877, p. 545.                                   | Mindanao<br>Basilan<br>Leyte  | Nipa<br>Panaon<br>Samar  |
| <b>suluensis</b> <i>Hartert</i> , Nov. Zool., IX, p. 441, ex Dubois, Syn. Av., p. 1105. | Sulu                          |                          |
| <b>mirabilis</b> <i>Wald. and Layard.</i> (p. 231.)                                     | Cebu<br>Gulmaras<br>Masbate   | Negros<br>Panay<br>Tleao |

CHIBIA *Hodgs.*

(Sharpe, Cat. Bds., III, p. 234, 1877.)

|   |                                  |                   |
|---|----------------------------------|-------------------|
| <b>palawanensis</b> ( <i>Tweed.</i> ), P. Z. S., 1878, p. 614.                                    | Balabac<br>Calamianes            | Palawan           |
| <b>cuyensis</b> <i>McGregor</i> , Bull. Philippine Mus., No. 1, p. 5 (1903).                      | Cuyo                             |                   |
| <b>worcesteri</b> <i>McGregor</i> , Govt. Lab. Publ. No. 34, p. 26 (1905).                        | Semirara                         |                   |
| <b>borneensis</b> <i>Sharpe</i> , P. Z. S., 1877, p. 246.   | Borneo                           |                   |
|   | Bongao<br>Cagayan Sulu<br>Sibutu | Sulu<br>Tawi Tawi |
| <b>menagei</b> <i>Bourus and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 15 (1894). | Tablas                           |                   |

<sup>1</sup> An *Oriolus*, in all probability *O. xanthonotus*, was seen by me in the Calamianes Islands in January, 1903, but no specimens were collected.—WORCESTER.

**BUCHANGA** *Hodgs.*

(Sharpe, Cat. Bds., III, p. 245, 1877.)

**palawanensis** *Whitehead*, Ibis, 1893, p. 47.

Palawan

Family **STURNIDÆ.****SPODIOPSAR** *Sharpe.*

(Sharpe, Cat. Bds., XIII, p. 40, 1890.)

[*Poliopsar* Sharpe *nec* Cassin;  
*Spodiopsar* Sharpe, Ibis,  
1889, p. 580. *Cf.* Cat. Bds.,  
XIII, p. 665.]**sericeus** (*Gm.*). (p. 44.)

Calayan

**STURNIA** *Less.*

(Sharpe, Cat. Bds., XIII, p. 68, 1890.)

**philippensis** (*Forster*). (p. 70.) [*violacea*  
(*Bodd.*); *cf.* *McGregor*, Govt. Lab. Publ.  
No. 25, p. 30 (1905).]Japan  
Borneo (*winter*)  
Celebes (*winter*)  
Moluccas (*winter*)Calayan                Negros  
Luzon                 Palawan  
Mindanao            Tawi Tawi  
Mindoro**sinensis** (*Gm.*). (p. 68.)Formosa  
Malacca (*winter*)  
Slam  
Pegu (*winter*)  
South China (*winter*)  
Cochin China (*winter*)  
China                 Hainan

Calayan                Luzon

**ÆTHIOPSAR** *Sharpe.*(Acridotheres Vieill. pt.; Sharpe, Cat.  
Bds., XIII, p. 79 pt., 1890.)  
[*t. c.* p. 23 (footnote).]**cristatellus** (*Gm.*). (p. 92.)Central and southern China  
Luzon (*introduced*)**GOODFELLOWIA** *Hartert.*(Hartert, Bull. B. O. C., XIV, No. C,  
p. 11, 1903.)**miranda** *Hartert.* (l. c.)

Mindanao



**SARCOPS** *Walden.*

(Sharpe, Cat. Bds., XIII, p. 96,  
1890.)

*calvus* (*Linn.*). (p. 97.)

|             |           |
|-------------|-----------|
| Basilan     | Negros    |
| Bongao      | Panay     |
| Catanduanes | Romblon   |
| Cebu        | Samar     |
| Dinagat     | Semirara  |
| Guimaras    | Sibay     |
| Leyte       | Sibutu    |
| Lubang      | Sibuyan   |
| Luzon       | Siquiljor |
| Maestro de  | Sulu      |
| Campo       | Tablas    |
| Marinduque  | Tawi Tawi |
| Masbate     | Ticao     |
| Mindanao    | Verde     |
| Mindoro     |           |

**EULABES** *Cuv.*

(*Mainatus* Less; Sharpe, Cat. Bds.,  
XIII, p. 98, 1890.)

*palawanensis* (*Sharpe*). (p. 104.)

Palawan

**LAMPROCOCORAX** *Bp.*

(Sharpe, Cat. Bds., XIII, p. 137,  
1890.)

[*Calornis* Gray *nec* Billberg;  
Cf. Oberholser, Proc. Philad.  
Acad. Sci., 1899, p. 215.]

*panayensis* (*Scop.*). (p. 147.)

|              |           |
|--------------|-----------|
| Agutaya      | Mindanao  |
| Balabac      | Mindoro   |
| Basilan      | Negros    |
| Bohol        | Nipa      |
| Bongao       | Palawan   |
| Cagayancillo | Panay     |
| Cagayan Sulu | Romblon   |
| Calamianes   | Samar     |
| Camiguin     | Semirara  |
| Catanduanes  | Siasi     |
| Cebu         | Sibutu    |
| Cuyo         | Sibuyan   |
| Fuga         | Siquiljor |
| Guimaras     | Sulu      |
| Leyte        | Tablas    |
| Luzon        | Tawi Tawi |
| Marinduque   | Ticao     |
| Masbate      |           |

*todayensis* *Mearns*, Proc. Biol. Soc. Wash.,  
XVIII, p. 88 (1905).

Mindanao

Family **CORVIDÆ.****CORONE** *Kaup.*

(Sharpe, Cat. Bds., III, p. 30, 1877.)

**philippina** (*Bonap.*). (p. 42.)

|                   |           |
|-------------------|-----------|
| Basilan           | Mindoro   |
| Bohol             | Negros    |
| Cagayancillo      | Palawan   |
| Calayan           | Panaon    |
| Camiguin          | Panay     |
| Catanduanes       | Romblon   |
| Cebu              | Samar     |
| Cuyo              | Semirara  |
| Dinagat           | Sibay     |
| Fuga              | Sibutu    |
| Guimaras          | Sibuyan   |
| Lubang            | Siquijor  |
| Luzon             | Sulu      |
| Maestro de Tablas |           |
| Campo             | Tawi Tawi |
| Marinduque        | Ticao     |
| Masbate           | Verde     |
| Mindanao          |           |

**CORVUS** *Linn.*

(Sharpe, Cat. Bds., III, p. 13, 1877.)

**pusillus** *Twedd.*, P. Z. S., 1878, p. 622.

|            |         |
|------------|---------|
| Balabac    | Mindoro |
| Calamianes | Palawan |

**samarensis** *Steere*, List. Bds. and Mams.  
Steere Exp., p. 23 (1890).

Samar

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**ADDENDA.**

Add on page 101:

**flava** *Linn.* (p. 516.)

|                  |         |
|------------------|---------|
| Africa           |         |
| Siberia to China |         |
| Molucca Islands  |         |
| Alaska           | Europe  |
| <hr/>            |         |
| Balabac          | Masbate |
| Bohol            | Mindoro |
| Calayan          | Negros  |
| Catanduanes      | Palawan |
| Lubang           | Sulu    |
| Luzon            | Ticao   |

NOTE.—The addition of *Motacilla flava*, inadvertently omitted from its proper place on page 101, raises the total number of species recorded to 692.



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Timeliinæ, 80.  
Totaninæ, 24.  
Treronidæ, 9.  
Treroninæ, 9.  
Trogones, 60.  
Trogonidæ, 60.  
Turdidæ, 83.  
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Zosteropidæ, 95.





















